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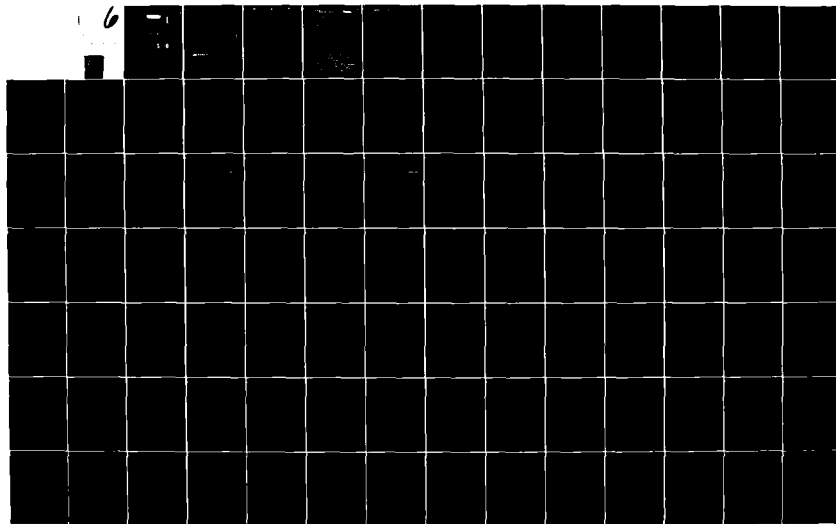
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BRUNSWICK NAS, MAINE. REVISED UNIFORM SUMMARY OF SURFACE WEATHE--ETC(11)
JUN 82

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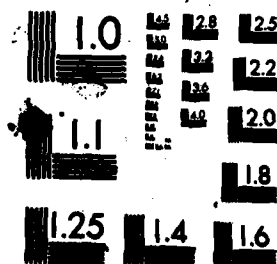
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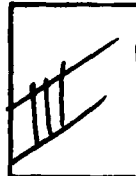
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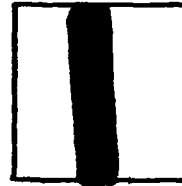
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USAF ETAC
Air Weather Service (MAC)**

BRUNSWICK NAS ME
N 43 54 W 069 56 FLD ELEV 75 FT MEZ WSC/743920

AMS THOMSON 1210
FL 0414
SCOTT AFB, IL 62204

JUN 80

PARTS A-F
FOR FROM HOURLY OBS: JAN 69 - DEC 70, JAN 73 - DEC 80
FOR FROM DAILY OBS: JAN 52 - JAN 81
TIME CONVERSION GMT TO LST: -5

JUN 02 1982

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USAFETAC/TST

WALTER S. BURCHARD

AMS Scientific and Technical
Information Officer (STINFO)

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NEW ADDRESS

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

| REPORT DOCUMENTATION PAGE | | REPORT INFORMATION | | | | | | | | | | | | | | | | |
|--|----------------------|---|--|---------|--------------------|----------------------|----------|--------------------|-----------------------|-------------|--------------------|-----------------------|---------------|---------------------|---------------------------|-------------------|----------------------|--------|
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| 3. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSMO)- Bismarck NAS, BATES | | 4. TYPE OF REPORT & PERIOD COVERED Final rept. | | | | | | | | | | | | | | | | |
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| 17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) | | | | | | | | | | | | | | | | | | |
| 18. SUPPLEMENTARY NOTES | | | | | | | | | | | | | | | | | | |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSMO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table> | | | | *RUSSMO | Daily temperatures | Atmospheric pressure | Snowfall | Extreme snow depth | Extreme surface winds | Climatology | Sea-level pressure | Psychrometric summary | Surface Winds | Extreme temperature | Ceiling versus visibility | Relative Humidity | *Climatological data | (over) |
| *RUSSMO | Daily temperatures | Atmospheric pressure | | | | | | | | | | | | | | | | |
| Snowfall | Extreme snow depth | Extreme surface winds | | | | | | | | | | | | | | | | |
| Climatology | Sea-level pressure | Psychrometric summary | | | | | | | | | | | | | | | | |
| Surface Winds | Extreme temperature | Ceiling versus visibility | | | | | | | | | | | | | | | | |
| Relative Humidity | *Climatological data | (over) | | | | | | | | | | | | | | | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>THIS report is a six-part statistical summary of surface weather observations for Bismarck NAS, BATES. It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)</p> | | | | | | | | | | | | | | | | | | |

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GPO : 1979 : 0-711-1047

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

SECRET

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., NSC 999999) which will appear on future OL-A standard products.

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | FIELD ELEV (FT.) | CALL SIGN | WMO NUMBER |
|-----------------------|------------------|----------|-----------|------------------|-----------|------------|
| 743920 | Brunswick NAS ME | N 43 54 | W 069 56 | 75 | NHZ | 14611 |

STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE NSL | | OBS PER DAY |
|-------------------------------------|------------------------------|-----------------|------------------|--------|----------|-----------|---------------------|-----------|-------------|
| | | | FROM | TO | | | FIELD (FT) | MT. BARO. | |
| | Brunswick NAS ME | NAS | Dec 51 | Dec 67 | N 43 53 | W 069 56 | 79 | NA | 24 |
| | Same | NAS | Jan 68 | Dec 75 | N 43 54 | W 069 56 | 75 | -- | 24 |
| | Same | NAS | Jan 76 | Feb 82 | Same | Same | 75 | -- | 24 |
| # 1976 - Last entry NAS stn history | | | | | | | | | |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------|----------------|---------------------------------------|---------------------|---------------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| | 1951 Jan 52 | Located on Control tower roof Same | Selsyn Same | Triple RO-108 UMQ-5 | 70 ft 50 ft | |
| | 24 Jul 59 | Located 600 ft NNW of Operations Bldg | Same | Same | 15 ft | |
| | Feb 68 | Same | Same | Same | Same | |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total column. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

743921

BRUNSWICK NAS ME

69-70,73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | 00-02 | | 6.5 | 1.4 | 12.6 | | 19.8 | 16.8 | .8 | 1.1 | | 18.6 | 919 |
| | 03-05 | | 5.0 | 1.4 | 11.2 | | 17.0 | 15.8 | .5 | 1.5 | | 17.9 | 923 |
| | 06-08 | | 3.9 | 1.6 | 11.8 | | 17.1 | 17.2 | 2.0 | 2.1 | | 21.0 | 913 |
| | 09-11 | | 4.4 | 1.7 | 13.8 | .1 | 19.4 | 16.4 | 5.8 | 2.4 | | 23.8 | 919 |
| | 12-14 | | 6.0 | 1.9 | 12.7 | | 19.5 | 14.5 | 4.2 | 3.4 | | 21.4 | 910 |
| | 15-17 | | 6.3 | .9 | 10.7 | | 17.2 | 14.1 | 3.1 | 2.5 | | 19.1 | 918 |
| | 18-20 | | 6.9 | 1.0 | 8.5 | | 16.0 | 14.9 | 2.1 | 1.6 | | 18.3 | 917 |
| | 21-23 | .2 | 6.2 | 1.5 | 10.3 | | 17.3 | 15.9 | .9 | 1.5 | | 18.0 | 920 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 5.7 | 1.4 | 11.5 | .0 | 17.9 | 15.7 | 2.4 | 2.0 | | 19.8 | 7339 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

7-1927

BRUNSWICK NAS ME

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAR | 00-02 | | 9.1 | .3 | 5.9 | | 14.8 | 19.0 | 3.4 | .9 | | 23.0 | 910 |
| | 03-05 | .1 | 10.2 | .6 | 6.9 | | 17.3 | 21.8 | 3.2 | 1.0 | | 25.6 | 905 |
| | 06-08 | | 9.4 | .4 | 8.8 | | 17.8 | 25.6 | 5.2 | .8 | | 30.1 | 906 |
| | 09-11 | .2 | 8.8 | .1 | 7.8 | | 16.0 | 20.9 | 5.9 | .9 | | 27.2 | 909 |
| | 12-14 | | 8.7 | .1 | 7.6 | | 15.8 | 15.4 | 7.2 | .8 | | 22.8 | 913 |
| | 15-17 | .1 | 9.7 | .2 | 5.9 | | 15.6 | 15.8 | 7.5 | .7 | | 23.5 | 905 |
| | 18-20 | .1 | 9.2 | .8 | 5.6 | | 15.0 | 19.8 | 5.3 | .8 | | 25.3 | 906 |
| | 21-23 | | 8.2 | .8 | 5.4 | | 13.8 | 20.7 | 2.8 | .4 | | 23.6 | 914 |
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| | | | | | | | | | | | | | |
| TOTALS | | .1 | 9.2 | .4 | 6.7 | | 15.8 | 19.9 | 5.1 | .8 | | 25.1 | 7268 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/HAC

WEATHER CONDITIONS

75392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| APR | 00-02 | .2 | 14.2 | | 1.2 | | 15.0 | 23.7 | 5.6 | | | 28.7 | 889 |
| | 03-05 | | 12.0 | | 2.7 | | 14.2 | 28.1 | 5.8 | | | 32.6 | 890 |
| | 06-08 | | 12.0 | .1 | 3.0 | | 14.4 | 28.5 | 7.4 | | | 34.9 | 880 |
| | 09-11 | | 13.0 | | 3.8 | | 15.9 | 17.5 | 7.1 | | | 24.0 | 891 |
| | 12-14 | | 12.5 | | 3.3 | | 15.2 | 15.4 | 8.2 | | | 22.9 | 879 |
| | 15-17 | | 12.5 | | 2.5 | .2 | 14.4 | 13.3 | 8.0 | | | 21.1 | 889 |
| | 18-20 | .2 | 13.7 | .1 | 1.7 | | 14.8 | 16.3 | 7.4 | | | 23.6 | 884 |
| | 21-23 | | 13.9 | | 1.8 | | 15.1 | 20.1 | 7.5 | | | 27.0 | 889 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .1 | 13.0 | .0 | 2.5 | .0 | 14.9 | 20.4 | 7.1 | | | 26.9 | 7091 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAY | 00-02 | .2 | 15.1 | | | | 15.1 | 33.0 | 7.6 | | | 39.4 | 916 |
| | 03-05 | .2 | 14.2 | | .4 | | 14.3 | 39.8 | 7.9 | | | 45.1 | 913 |
| | 06-08 | .1 | 13.2 | | .3 | | 13.4 | 29.6 | 11.1 | | | 39.4 | 912 |
| | 09-11 | | 11.9 | | | | 11.9 | 20.9 | 12.9 | | | 33.6 | 918 |
| | 12-14 | | 12.5 | | | | 12.5 | 16.0 | 14.4 | | | 30.2 | 912 |
| | 15-17 | .7 | 12.0 | | | | 12.0 | 16.4 | 16.0 | | | 31.6 | 917 |
| | 18-20 | .5 | 13.5 | | .2 | | 13.7 | 22.6 | 14.1 | | | 36.8 | 919 |
| | 21-23 | .1 | 13.5 | | | | 13.5 | 27.6 | 9.3 | | | 36.3 | 918 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | 13.2 | | .1 | | 13.3 | 25.7 | 11.7 | | | 36.6 | 7325 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | POG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUN | 00-02 | .5 | 11.8 | | | | 11.8 | 36.1 | 14.8 | | | 48.8 | 888 |
| | 03-05 | .2 | 11.7 | | | | 11.7 | 49.6 | 14.0 | | | 58.4 | 890 |
| | 06-08 | .1 | 10.1 | | | | 10.1 | 36.1 | 16.6 | | | 51.4 | 889 |
| | 09-11 | | 9.0 | | | | 9.0 | 19.6 | 26.2 | | | 44.3 | 890 |
| | 12-14 | .3 | 8.2 | | | | 8.2 | 12.3 | 28.9 | | | 40.6 | 885 |
| | 15-17 | .9 | 11.3 | | | .1 | 11.3 | 14.5 | 27.2 | | | 41.1 | 891 |
| | 18-20 | .7 | 10.6 | | | | 10.6 | 18.6 | 27.5 | | | 45.3 | 883 |
| | 21-23 | .6 | 11.7 | | | | 11.7 | 27.9 | 19.5 | | | 46.0 | 894 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .4 | 10.6 | | | .0 | 10.6 | 26.8 | 22.1 | | | 47.0 | 7110 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

743920
STATION

BRUNSWICK NAS ME

STATION NAME

69-70,73-80

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUL | 00-02 | 1.2 | 8.8 | | | | 8.8 | 39.5 | 17.2 | | | 51.3 | 919 |
| | 03-05 | 1.1 | 8.6 | | | | 8.6 | 47.0 | 16.1 | | | 56.0 | 920 |
| | 06-08 | .4 | 8.2 | | | | 8.2 | 33.7 | 23.6 | | | 52.0 | 912 |
| | 09-11 | | 5.3 | | | | 5.3 | 18.9 | 29.6 | | | 45.9 | 922 |
| | 12-14 | .5 | 5.8 | | | | 5.8 | 12.2 | 33.4 | | | 43.4 | 918 |
| | 15-17 | 2.4 | 6.6 | | | | 6.6 | 12.8 | 35.0 | | | 45.3 | 921 |
| | 18-20 | 2.2 | 7.3 | | | | 7.3 | 20.0 | 31.1 | | | 47.5 | 914 |
| | 21-23 | 1.7 | 8.5 | | | | 8.5 | 28.0 | 22.9 | | | 47.1 | 918 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.2 | 7.4 | | | | 7.4 | 26.5 | 26.1 | | | 48.6 | 7344 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

WEATHER CONDITIONS

74392 BRUNSWICK NAS ME
STATION WATCHTOWER

69-70,73-80

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLUR | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBS TO VISION | TOTAL NO. OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|-----------------------------------|-------------------------|
| AUG | 00-02 | .7 | 9.3 | | | | 9.3 | 42.8 | 15.1 | | | 52.1 | 915 |
| | 03-05 | .4 | 8.1 | | | | 8.1 | 52.2 | 13.2 | | | 56.1 | 912 |
| | 06-08 | .1 | 8.2 | | | | 8.2 | 44.9 | 20.2 | | | 56.6 | 914 |
| | 09-11 | | 8.6 | | | | 8.6 | 20.4 | 28.3 | | | 45.9 | 915 |
| | 12-14 | .2 | 8.6 | | | | 8.6 | 14.6 | 27.7 | | | 40.6 | 916 |
| | 15-17 | 1.5 | 8.7 | | | | 8.7 | 14.3 | 31.1 | | | 42.8 | 916 |
| | 18-20 | 1.5 | 7.9 | | | | 7.9 | 23.4 | 27.6 | | | 47.3 | 910 |
| | 21-23 | 1.0 | 7.9 | | | | 7.9 | 33.9 | 19.2 | | | 46.2 | 921 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 8.4 | | | | 8.4 | 30.8 | 22.8 | | | 49.2 | 7319 |

USAFETAC 0-10-010. ALL WEATHER CONDITIONS OF THIS FORM ARE OBSERVED

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

7-1921
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLURRY | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|--------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| SEP | 00-02 | .5 | 11.7 | | | | 11.7 | 36.6 | 7.0 | | | 40.8 | 887 |
| | 03-05 | | 13.0 | | | | 13.0 | 42.6 | 4.1 | | | 44.7 | 893 |
| | 06-08 | .2 | 10.6 | | | | 10.6 | 41.4 | 8.8 | | | 48.1 | 886 |
| | 09-11 | | 9.9 | | | | 9.9 | 22.0 | 15.1 | | | 35.3 | 890 |
| | 12-14 | .2 | 8.7 | | | | 8.7 | 15.3 | 18.2 | | | 32.4 | 886 |
| | 15-17 | .4 | 8.4 | | | | 8.4 | 15.5 | 16.5 | | | 31.3 | 890 |
| | 18-20 | .6 | 10.2 | | | | 10.2 | 20.7 | 13.8 | | | 32.4 | 891 |
| | 21-23 | .6 | 11.8 | | | | 11.8 | 26.2 | 8.2 | | | 33.1 | 893 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 10.5 | | | | 10.5 | 27.5 | 11.5 | | | 37.3 | 7116 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| OCT | 00-02 | .1 | 10.2 | | .3 | | 10.3 | 33.0 | 2.6 | | | 35.0 | 921 |
| | 03-05 | .3 | 12.3 | | .3 | | 12.6 | 36.8 | 2.2 | | | 38.2 | 922 |
| | 06-08 | | 10.2 | | .3 | | 10.4 | 37.5 | 5.3 | | | 41.0 | 913 |
| | 09-11 | | 10.7 | | .7 | | 11.1 | 21.5 | 10.3 | | | 30.4 | 920 |
| | 12-14 | | 9.0 | | .3 | | 9.3 | 17.0 | 10.1 | | | 24.9 | 915 |
| | 15-17 | .1 | 8.7 | | .9 | .1 | 9.6 | 15.7 | 11.1 | | | 24.7 | 916 |
| | 18-20 | .3 | 9.4 | | .8 | | 10.1 | 18.9 | 6.8 | | | 24.1 | 913 |
| | 21-23 | .2 | 12.0 | | .4 | | 12.4 | 24.3 | 5.0 | | | 28.1 | 916 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 10.3 | | .5 | .0 | 10.7 | 25.6 | 6.7 | | | 30.8 | 7336 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HALE | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| NOV | 00-02 | | 12.9 | | .3 | | 15.7 | 31.8 | 3.4 | .4 | | 35.1 | 889 |
| | 03-05 | | 13.9 | .2 | 2.5 | | 16.1 | 32.5 | 1.1 | .1 | | 33.6 | 893 |
| | 06-08 | | 12.4 | | 2.1 | | 14.6 | 33.7 | 3.0 | .3 | | 36.1 | 893 |
| | 09-11 | | 12.3 | | 1.9 | | 14.0 | 24.2 | 9.1 | .3 | | 33.1 | 894 |
| | 12-14 | | 11.3 | .7 | 1.5 | | 13.1 | 20.4 | 6.7 | .3 | | 27.0 | 884 |
| | 15-17 | .1 | 12.8 | | 1.6 | | 14.3 | 20.4 | 6.1 | .3 | | 26.4 | 890 |
| | 18-20 | .2 | 12.8 | | 1.4 | | 14.0 | 22.9 | 4.2 | .5 | | 27.5 | 886 |
| | 21-23 | | 10.6 | | 3.2 | | 13.3 | 26.3 | 3.6 | .5 | | 30.3 | 885 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 12.4 | .1 | 2.1 | | 14.4 | 26.5 | 4.7 | .3 | | 31.1 | 7114 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

WEATHER CONDITIONS

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| DEC | 00-02 | .1 | 7.1 | 1.2 | 10.4 | | 18.1 | 16.6 | 1.2 | 1.8 | | 19.4 | 914 |
| | 03-05 | | 6.2 | .8 | 11.3 | | 17.4 | 16.0 | 1.6 | 2.1 | | 19.2 | 923 |
| | 06-08 | | 5.9 | 1.0 | 11.3 | | 17.8 | 18.6 | 2.4 | 2.3 | | 22.2 | 920 |
| | 09-11 | | 5.6 | 1.5 | 13.7 | | 20.3 | 19.5 | 4.2 | 2.7 | | 25.0 | 921 |
| | 12-14 | | 7.8 | .7 | 11.0 | | 18.5 | 15.0 | 3.8 | 2.7 | | 21.2 | 912 |
| | 15-17 | | 7.1 | 1.2 | 11.4 | | 19.0 | 14.6 | 3.6 | 2.5 | | 20.3 | 925 |
| | 18-20 | | 5.4 | 2.0 | 11.0 | | 17.9 | 15.4 | 1.0 | 2.0 | | 18.4 | 910 |
| | 21-23 | | 6.3 | 1.1 | 10.0 | | 16.8 | 17.0 | .9 | 1.8 | | 19.7 | 910 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 6.4 | 1.2 | 11.3 | | 18.2 | 16.6 | 2.3 | 2.2 | | 20.7 | 7335 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

743921

BRUNSWICK NAS ME

69-70,73-80

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HALE | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | ALL | .0 | 5.7 | 1.4 | 11.5 | .0 | 17.9 | 15.7 | 2.4 | 2.0 | | 19.8 | 7339 |
| FEB | | | 3.9 | 1.1 | 10.5 | | 15.0 | 13.3 | 4.4 | 2.4 | | 19.3 | 6670 |
| MAR | | .1 | 9.2 | .4 | 6.7 | | 15.8 | 19.9 | 5.1 | .8 | | 25.1 | 7268 |
| APR | | .1 | 13.0 | .0 | 2.5 | .0 | 14.9 | 20.4 | 7.1 | | | 26.9 | 7091 |
| MAY | | .2 | 13.2 | | .1 | | 13.3 | 25.7 | 11.7 | | | 36.6 | 7325 |
| JUN | | .4 | 10.6 | | | .0 | 10.6 | 26.8 | 22.1 | | | 47.3 | 7110 |
| JUL | | 1.2 | 7.4 | | | | 7.4 | 26.5 | 26.1 | | | 48.6 | 7344 |
| AUG | | .7 | 8.4 | | | | 8.4 | 30.8 | 22.8 | | | 49.2 | 7319 |
| SEP | | .3 | 10.5 | | | | 10.5 | 27.5 | 11.5 | | | 37.3 | 7116 |
| OCT | | .1 | 10.3 | | .5 | .0 | 10.7 | 25.6 | 6.7 | | | 30.8 | 7338 |
| NOV | | .0 | 12.4 | .1 | 2.1 | | 14.4 | 26.5 | 4.7 | .3 | | 31.1 | 7114 |
| DEC | | .0 | 6.4 | 1.2 | 11.3 | | 18.2 | 16.6 | 2.3 | 2.2 | | 20.7 | 7335 |
| TOTALS | | .3 | 9.3 | .4 | 3.8 | .0 | 13.1 | 22.9 | 10.6 | .6 | | 32.7 | 86369 |

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAW data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

7-5921 BRUNSWICK NAS ME 52-79 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | DAILY | .1 | 23.5 | 9.4 | 43.8 | .1 | 53.2 | 38.0 | 18.3 | 7.4 | | 48.6 | 847 |
| FEB | | .3 | 23.6 | 6.1 | 42.6 | | 50.6 | 37.4 | 18.0 | 8.0 | | 47.0 | 791 |
| MAR | | .8 | 30.8 | 3.6 | 34.3 | | 50.9 | 42.4 | 16.6 | 5.3 | | 47.8 | 868 |
| APR | | 1.4 | 50.6 | .8 | 14.4 | .4 | 53.6 | 51.4 | 22.3 | .1 | .4 | 56.1 | 840 |
| MAY | | 5.5 | 54.2 | .1 | 1.7 | .1 | 54.5 | 55.3 | 26.5 | | .1 | 61.8 | 868 |
| JUN | | 13.8 | 52.9 | | | .6 | 52.9 | 63.8 | 44.9 | | .4 | 71.7 | 840 |
| JUL | | 14.9 | 46.0 | | | .7 | 46.1 | 63.2 | 53.1 | | .1 | 72.2 | 867 |
| AUG | | 11.8 | 44.6 | | | .1 | 44.6 | 65.2 | 49.8 | | | 70.6 | 868 |
| SEP | | 4.5 | 44.3 | | | | 44.3 | 64.9 | 35.5 | | | 68.8 | 840 |
| OCT | | 2.3 | 42.5 | | 2.9 | | 43.4 | 57.8 | 28.5 | | .1 | 60.7 | 868 |
| NOV | | 1.3 | 44.3 | 1.4 | 15.6 | .1 | 50.6 | 53.9 | 19.5 | 1.3 | | 58.6 | 840 |
| DEC | | .2 | 28.3 | 10.0 | 40.0 | | 54.6 | 41.5 | 13.0 | 5.4 | | 48.0 | 868 |
| TOTALS | | 4.7 | 40.2 | 2.6 | 16.3 | .2 | 49.9 | 52.9 | 28.8 | 2.3 | .1 | 59.3 | 10205 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

| | | |
|-----------------------------|-------|--|
| EXTREME DAILY PRECIPITATION | ".00" | equals none for the month (hundredths) |
| EXTREME DAILY SNOWFALL | ".0" | equals none for the month (tenths) |
| EXTREME DAILY SNOW DEPTH | "0" | equals none for the month (whole inches) |

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

| | |
|---------------------|------------|
| Beginning thru 1945 | at 0800LST |
| Jan 46-May 57 | at 1230GMT |
| Jun 57-present | at 1200GMT |

U. S. Navy and National Weather Service (USWB)

| | |
|-----------------------|------------|
| Beginning thru Jun 52 | at 0030GMT |
| Jul 52-May 57 | at 1230GMT |
| Jun 57-present | at 1200GMT |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

743920

BRUNSWICK NAS ME

52-81

STATION

STATION NAME

YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|---------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 49.2 | 15.2 | 1.8 | 5.5 | 4.9 | 8.1 | 6.8 | 6.0 | 2.2 | .2 | | | | 35.6 | 910 | 3.86 | 10.81 | TRACE |
| FEB | 50.6 | 15.4 | 1.9 | 4.7 | 4.8 | 6.8 | 6.1 | 5.7 | 4.0 | .1 | | | | 34.0 | 793 | 3.85 | 7.34 | .00 |
| MAR | 49.3 | 15.7 | 2.0 | 6.3 | 4.3 | 7.3 | 4.9 | 7.0 | 3.0 | | | | | 35.0 | 898 | 4.23 | 10.87 | .75 |
| APR | 45.9 | 16.6 | 3.2 | 5.9 | 5.1 | 8.3 | 8.0 | 3.7 | 3.2 | .2 | | | | 37.6 | 870 | 3.79 | 6.35 | 1.13 |
| MAY | 46.1 | 16.8 | 3.4 | 7.3 | 4.6 | 8.9 | 6.2 | 4.9 | 1.8 | | | | | 37.2 | 899 | 3.32 | 6.54 | .54 |
| JUN | 47.4 | 16.9 | 3.9 | 7.4 | 4.9 | 7.1 | 6.0 | 3.7 | 2.5 | .2 | | | | 35.7 | 870 | 3.23 | 6.69 | .67 |
| JUL | 53.7 | 16.1 | 2.3 | 6.1 | 5.2 | 6.9 | 4.3 | 3.7 | 1.4 | .1 | | | | 30.2 | 898 | 2.70 | 5.92 | .60 |
| AUG | 55.5 | 14.4 | 2.7 | 6.8 | 3.2 | 6.2 | 4.8 | 4.2 | 2.1 | | .2 | | | 30.2 | 898 | 3.19 | 8.06 | 1.07 |
| SEP | 55.2 | 13.0 | 3.3 | 5.9 | 5.2 | 5.9 | 4.8 | 4.7 | 1.7 | .2 | .1 | | | 31.8 | 870 | 3.28 | 11.60 | .60 |
| OCT | 56.7 | 11.9 | 3.9 | 5.3 | 3.2 | 6.6 | 4.6 | 4.4 | 2.9 | .4 | | | | 31.4 | 899 | 3.82 | 8.64 | .96 |
| NOV | 49.3 | 11.4 | 3.3 | 6.0 | 5.3 | 7.7 | 6.2 | 6.1 | 4.6 | .2 | | | | 39.3 | 870 | 4.75 | 10.28 | 1.22 |
| DEC | 45.3 | 17.4 | 2.0 | 5.6 | 4.6 | 7.7 | 7.3 | 5.9 | 4.1 | .2 | | | | 37.4 | 899 | 4.83 | 9.99 | 1.42 |
| ANNUAL | 50.3 | 15.1 | 2.8 | 6.1 | 4.6 | 7.3 | 5.8 | 5.0 | 2.8 | .1 | .0 | | | 34.6 | 10574 | 4.85 | | |

USAFETAC FORM 0-15-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

74392 BRUNSWICK NAS ME
STATION STATION NAME

52-81

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 52 | *TRACE* | .00* | 1.00 | 1.62 | .96 | 1.28 | 1.60 | 1.75 | 1.27 | 1.34 | 1.64 | 2.49 | 2.49 |
| 53 | 1.00 | 1.59 | 2.19 | 1.12 | 1.03 | .62 | 1.57 | 1.74 | .66 | 1.76 | 1.87 | .80 | 2.19 |
| 54 | 1.51 | 1.09 | .76 | 2.01 | 1.71 | 1.33 | .61 | 1.39 | 8.05 | .39 | 1.37 | 1.63 | 8.05 |
| 55 | .33 | 1.15 | 1.10 | .65 | .80 | 1.07 | 1.12 | .70 | .28 | 2.41 | 1.32 | .46 | 2.41 |
| 56 | .89 | .60 | .85 | .80 | 1.44 | .39 | .82 | 1.27 | .95 | 2.12 | 1.53 | .56 | 2.12 |
| 57 | .57 | .61 | .93 | 1.05 | 1.36 | .64 | .73 | .98 | .41 | .68 | 1.65 | .67 | 1.65 |
| 58 | 1.87 | .94 | 1.44 | 1.31 | .75 | .86 | 1.41 | .61 | .97 | .94 | 1.66 | .70 | 1.87 |
| 59 | 1.04 | .87 | 1.72 | .90 | .38 | 1.88 | 1.21 | .96 | 1.16 | 1.53 | 1.12 | 1.61 | 1.88 |
| 60 | 1.30 | 1.55 | 1.40 | 1.20 | 1.67 | 1.48 | 1.46 | .66 | 1.91 | 1.05 | 1.19 | 1.78 | 1.91 |
| 61 | 1.01 | 1.21 | 1.20 | 1.46 | .79 | 1.43 | .53 | .61 | 2.12 | .60 | 1.41 | .95 | 2.12 |
| 62 | 1.05 | 1.26 | .70 | 1.33 | .74 | .45 | 1.17 | .87 | .74 | 2.86 | 1.46 | 3.12 | 3.12 |
| 63 | 1.17 | .89 | 1.33 | 1.36 | .98 | 1.99 | 1.43 | 1.72 | 1.26 | 1.29 | 2.59 | .77 | 2.59 |
| 64 | 1.30 | 1.10 | 1.10 | 1.14 | .64 | 1.37 | .86 | .75 | .44 | .78 | 1.99 | .70 | 1.99 |
| 65 | .50 | 3.03 | .23 | 1.32 | .16 | 1.13 | .22* | .57 | .76 | .98 | 1.74 | .67 | 3.03 |
| 66 | 1.78 | 1.44 | .98 | .35 | .48 | .87 | .48 | 1.84 | 1.54 | 1.34 | 2.05 | .90 | 2.05 |
| 67 | .25 | 1.90 | .95 | 2.06 | .85 | 2.85 | .70 | .43 | 1.84 | .33 | .73 | 1.76 | 2.85 |
| 68 | .55 | .67 | .68 | 1.08 | .69 | 1.45 | .36 | .79 | .46 | .67 | 1.48 | 1.77 | 1.77 |
| 69 | 1.40 | 1.08 | 1.84 | 2.19 | .49 | .74 | 3.23 | 1.18 | 2.88 | .58 | 2.07 | 2.30 | 3.23 |
| 70 | .24 | 1.37 | 1.50 | 2.26 | 2.30 | 1.63 | .84 | 1.58 | .65 | 2.02 | .57 | 2.10 | 2.30 |
| 71 | .58 | 1.51 | .90 | 1.17 | 2.24 | .80 | .88 | 1.50 | 1.53 | 2.71 | 1.35 | .60 | 2.71 |
| 72 | .84 | 1.54 | 1.82 | .36 | .97 | 2.09 | .56 | .40 | 2.95 | 2.76 | 1.61 | 1.04 | 2.95 |
| 73 | 1.05 | 1.36 | 1.02 | 1.79 | 1.46 | 1.51 | .56 | 1.46 | .94 | 2.26 | .57 | 2.57 | 2.57 |
| 74 | 1.26 | 1.60 | 1.50 | .81 | .87 | 2.00 | 2.00 | .59 | 1.78 | .79 | 1.51 | 1.12 | 2.00 |
| 75 | 1.11 | .94 | 1.35 | 3.18 | .20 | 2.66 | .82 | 1.65 | 1.69 | 1.13 | 1.55 | 2.10 | 3.18 |
| 76 | .99 | 1.20 | .99 | 2.28 | .88 | .69 | 1.51 | 5.85 | .51 | 2.01 | .54 | 1.32 | 5.85 |
| 77 | 2.78 | 1.34 | 2.50 | 1.09 | 1.70 | .90 | .50 | 1.03 | 1.74 | 2.57 | 1.78 | 2.26 | 2.78 |
| 78 | 1.25 | 1.55 | 2.10 | 1.16 | 1.50 | .73* | .94 | .74 | .22 | .98 | .90 | 1.18 | 2.10 |
| 79 | 2.52 | 1.35 | .97 | 2.74 | 1.41 | .46 | 1.83 | 1.48 | .78 | 1.87 | 2.14 | 1.51 | 2.74 |
| 80 | .27 | 1.10 | 1.69 | 2.45 | 1.21 | .84 | 1.32 | .70 | 1.60 | 2.02 | 2.16 | .42 | 2.45 |
| 81 | .61 | | | | | | | | | | | | |
| MEAN | 1.070 | 1.280 | 1.276 | 1.457 | 1.057 | 1.246 | 1.083 | 1.258 | 1.451 | 1.478 | 1.502 | 1.374 | 2.743 |
| S.D. | .615 | .470 | .514 | .693 | .545 | .643 | .631 | 1.006 | 1.456 | .773 | .506 | .738 | 1.355 |
| TOTAL OBS | 910 | 793 | 898 | 870 | 899 | 870 | 898 | 898 | 870 | 899 | 870 | 899 | 10574 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

743927
STATION

BRUNSWICK NAS ME
STATION NAME

52-81
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 52 | *TRACE* | .00* | 1.96 | 4.09 | 3.83 | 4.33 | 2.23 | 4.68 | 3.78 | 2.36 | 3.02 | 5.55 | *35.83 |
| 53 | 4.04 | 4.32 | 10.87 | 5.00 | 4.40 | 1.68 | 3.13 | 3.30 | 1.91 | 5.74 | 4.80 | 4.17 | 53.36 |
| 54 | 4.52 | 4.67 | 3.06 | 3.60 | 4.71 | 2.93 | 1.91 | 4.23 | 11.60 | 1.44 | 5.00 | 6.12 | 53.79 |
| 55 | 1.02 | 5.83 | 3.39 | 2.40 | 2.13 | 2.19 | 1.60 | 3.40 | 1.11 | 4.62 | 3.90 | 1.42 | 33.01 |
| 56 | 5.56 | 3.42 | 5.56 | 4.07 | 2.78 | 1.12 | 3.13 | 2.11 | 4.96 | 3.24 | 4.22 | 5.02 | 45.19 |
| 57 | 2.88 | 1.31 | 2.65 | 2.99 | 2.61 | 2.42 | 2.80 | 1.95 | 1.75 | 1.90 | 5.91 | 3.31 | 32.48 |
| 58 | 9.44 | 3.89 | 3.62 | 6.35 | 4.74 | 3.37 | 4.80 | 2.23 | 3.13 | 4.54 | 5.70 | 2.04 | 53.89 |
| 59 | 3.83 | 3.49 | 4.86 | 2.40 | .91 | 5.17 | 1.83 | 2.16 | 2.95 | 7.32 | 5.83 | 6.25 | 47.00 |
| 60 | 4.38 | 6.42 | 6.03 | 3.64 | 6.49 | 2.49 | 3.59 | 1.23 | 3.34 | 2.82 | 3.27 | 5.07 | 48.77 |
| 61 | 2.07 | 3.36 | 3.27 | 5.14 | 2.98 | 4.00 | 2.07 | 1.31 | 3.37 | 1.30 | 4.59 | 3.79 | 37.25 |
| 62 | 3.25 | 3.10 | 1.62 | 4.20 | 2.14 | 1.68 | 2.80 | 2.23 | 2.75 | 7.03 | 4.17 | 5.83 | 40.80 |
| 63 | 3.28 | 3.44 | 3.83 | 2.97 | 3.66 | 3.31 | 1.98 | 4.87 | 1.79 | 2.04 | 10.28 | 3.00 | 44.45 |
| 64 | 5.62 | 3.33 | 3.34 | 3.30 | 1.80 | 3.04 | 2.91 | 2.74 | .84 | 2.35 | 3.85 | 3.21 | 36.35 |
| 65 | 1.85 | 6.49 | .75 | 3.15 | .54 | 2.00 | .60* | 1.16 | 1.89 | 3.18 | 5.03 | 2.05 | *28.65 |
| 66 | 4.91 | 3.23 | 3.94 | 1.13 | 2.18 | 2.64 | 1.36 | 6.00 | 3.20 | 3.30 | 5.69 | 2.98 | 40.58 |
| 67 | 1.34 | 4.72 | 2.18 | 4.96 | 4.75 | 5.42 | 2.83 | 2.58 | 2.97 | .96 | 2.72 | 5.71 | 41.14 |
| 68 | 2.91 | 1.50 | 3.86 | 2.61 | 2.93 | 3.74 | 1.11 | 2.21 | 1.55 | 1.80 | 7.39 | 6.19 | 37.82 |
| 69 | 3.39 | 4.70 | 3.45 | 3.75 | 1.81 | 2.72 | 5.50 | 2.51 | 4.35 | 2.20 | 8.03 | 9.54 | 51.95 |
| 70 | .89 | 4.69 | 4.13 | 4.13 | 3.76 | 2.68 | 1.47 | 4.27 | 2.18 | 4.43 | 2.42 | 7.26 | 42.31 |
| 71 | 2.48 | 5.59 | 2.98 | 2.18 | 4.80 | 2.16 | 3.56 | 3.31 | 3.26 | 3.46 | 3.18 | 2.70 | 39.66 |
| 72 | 2.88 | 7.34 | 6.85 | 2.07 | 3.30 | 5.67 | 1.38 | 1.07 | 4.75 | 4.67 | 6.44 | 6.36 | 52.78 |
| 73 | 2.97 | 2.61 | 2.89 | 5.70 | 5.14 | 5.30 | 2.06 | 3.74 | 3.06 | 4.03 | 2.16 | 9.99 | 49.65 |
| 74 | 4.09 | 3.26 | 3.98 | 3.50 | 3.53 | 4.59 | 3.85 | 1.68 | 4.91 | 1.47 | 5.49 | 3.83 | 44.18 |
| 75 | 4.34 | 2.86 | 4.17 | 4.62 | .77 | 6.69 | 3.36 | 3.63 | 4.73 | 4.43 | 6.92 | 8.28 | 54.80 |
| 76 | 4.54 | 3.83 | 4.08 | 3.46 | 4.34 | 1.43 | 5.92 | 8.06 | 2.06 | 6.84 | 1.22 | 4.27 | 49.85 |
| 77 | 6.27 | 4.73 | 7.96 | 3.52 | 3.21 | 5.52 | 1.15 | 3.51 | 5.19 | 8.64 | 5.21 | 8.27 | 63.18 |
| 78 | 6.65 | 1.70 | 4.45 | 4.06 | 3.62 | 2.55* | 1.12 | 1.91 | .60 | 3.41 | 2.16 | 3.65 | *35.88 |
| 79 | 10.81 | 2.67 | 5.35 | 5.22 | 6.54 | .67 | 2.84 | 5.70 | 2.77 | 7.29 | 3.79 | 2.74 | 56.39 |
| 80 | .52 | 1.38 | 5.30 | 5.80 | 2.01 | 1.99 | 3.75 | 2.70 | 4.38 | 4.13 | 5.46 | 1.41 | 38.83 |
| 81 | 1.13 | | | | | | | | | | | | |
| MEAN | 3.857 | 3.853 | 4.229 | 3.793 | 3.324 | 3.224 | 2.697 | 3.190 | 3.283 | 3.817 | 4.753 | 4.828 | 45.747 |
| S.D. | 2.369 | 1.557 | 1.990 | 1.229 | 1.539 | 1.547 | 1.305 | 1.604 | 2.052 | 2.054 | 1.962 | 2.333 | 7.882 |
| TOTAL OBS | 910 | 793 | 898 | 870 | 899 | 870 | 898 | 898 | 870 | 899 | 870 | 899 | 10574 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JAN 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

52-81
YEARS

| PRECIP. | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|--------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | 01-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-5.4 | 5.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-30.4 | OVER 30.4 | | | MEAN | GREATEST | LEAST |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 58.3 | 17.4 | 5.5 | 8.9 | 4.2 | 2.4 | 1.5 | 2.3 | 1.5 | .7 | .2 | | | 24.3 | 909 | 19.9 | 47.8 | TRACE |
| FEB | 58.2 | 17.9 | 4.4 | 7.1 | 3.4 | 2.3 | 1.4 | 2.0 | 2.4 | .8 | .1 | | | 23.9 | 792 | 19.0 | 49.1 | .0 |
| MAR | 66.7 | 14.8 | 3.7 | 4.6 | 3.3 | 1.6 | 1.1 | 1.6 | 1.7 | .7 | | | | 18.4 | 889 | 16.3 | 43.5 | .7 |
| APR | 86.1 | 8.2 | 1.3 | 1.5 | 1.5 | .6 | .6 | .1 | .1 | .1 | | | | 5.7 | 870 | 3.4 | 13.7 | .0 |
| MAY | 98.3 | 1.3 | | .1 | .1 | .1 | | | | | | | | .3 | 899 | .2 | 2.8 | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 870 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 898 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 899 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 870 | .0 | .0 | .0 |
| OCT | 97.3 | 2.0 | .1 | .3 | .1 | | .1 | | | | | | | .7 | 899 | .3 | 4.4 | .0 |
| NOV | 84.1 | 9.8 | 1.4 | 2.4 | .7 | .5 | .2 | .7 | .1 | .1 | | | | 6.1 | 870 | 3.6 | 13.9 | .0 |
| DEC | 59.5 | 19.0 | 3.9 | 5.9 | 2.9 | 2.9 | 1.7 | 1.8 | 1.8 | .3 | .3 | | | 21.5 | 899 | 10.6 | 61.7 | .2 |
| ANNUAL | 84.0 | 7.5 | 1.7 | 2.3 | 1.3 | .9 | .5 | .7 | .6 | .2 | .0 | | | 8.4 | 10564 | 61.3 | | |

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

743920 BRUNSWICK NAS ME

52-81

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|-----------|---------|-------|-------|-------|-------|------|------|------|------|-------|-------|-------|------------|
| 52 | *TRACE* | .00 | 2.3 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.1 | .2 | * 2.3 |
| 53 | 6.0 | 9.7 | 1.7 | 3.6 | TRACE | .0 | .0 | .0 | .0 | .0 | .3 | 2.6 | 6.0 |
| 54 | 4.2 | 4.0 | 7.1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 1.1 | 3.3 | 7.1 |
| 55 | 3.0 | 10.0 | 5.2 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .7 | 4.6 | 10.0 |
| 56 | 5.0 | 6.0 | 7.0 | 3.8 | TRACE | .0 | .0 | .0 | .0 | .0 | 4.3 | 4.3 | 7.0 |
| 57 | 5.7 | 2.0 | 2.5 | 5.6 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.0 | 5.7 |
| 58 | 7.3 | 8.0 | 12.3 | 2.1 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.0 | 6.8 | 12.3 |
| 59 | 6.8 | 5.7 | 11.5 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | 5.5 | 6.9 | 11.5 |
| 60 | 12.0 | 7.9 | 12.6 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 15.4 | 15.4 |
| 61 | 10.1 | 3.1 | 12.0 | 2.0 | TRACE | .0 | .0 | .0 | .0 | 1.4 | 1.5 | 9.5 | 12.0 |
| 62 | 4.5 | 12.6 | 4.8 | 3.0 | .0 | .0 | .0 | .0 | .0 | .1 | 2.0 | 12.0 | 12.6 |
| 63 | 9.0 | 7.0 | 6.0 | TRACE | 2.0 | .0 | .0 | .0 | .0 | 2.0 | TRACE | 7.7 | 9.0 |
| 64 | 8.0 | 11.0 | 11.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 6.3 | 11.0 |
| 65 | 5.0 | 6.9 | .6 | .4 | .0 | .0 | .0 | .0 | .0 | 1.1 | .0 | 4.0 | 6.9 |
| 66 | 17.4 | 8.9 | 1.8 | 1.0 | 2.8 | .0 | .0 | .0 | .0 | TRACE | TRACE | 5.0 | 17.4 |
| 67 | 11.0 | 13.0 | 9.5 | 4.4 | TRACE | .0 | .0 | .0 | .0 | .0 | 3.0 | 7.6 | 13.0 |
| 68 | 6.7 | 5.0 | 6.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.0 | 6.8 | 6.7 |
| 69 | 4.6 | 10.8 | 5.9 | .4 | .0 | .0 | .0 | .0 | .0 | 4.4 | TRACE | 16.7 | 16.7 |
| 70 | 2.3 | 6.2 | 6.1 | 1.0 | TRACE | .0 | .0 | .0 | .0 | TRACE | .0 | 21.0 | 21.0 |
| 71 | 5.0 | 10.4 | 9.0 | 10.5 | .0 | .0 | .0 | .0 | .0 | .0 | 8.0 | 6.0 | 10.5 |
| 72 | 4.0 | 15.4 | 9.6 | 2.8 | .0 | .0 | .0 | .0 | .0 | TRACE | 6.0 | 8.9 | 15.4 |
| 73 | 10.5 | 3.0 | .9 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 4.0 | 10.5 |
| 74 | 5.3 | 5.8 | 4.2 | 7.6 | .0 | .0 | .0 | .0 | .0 | TRACE | 5.4 | 6.3 | 7.6 |
| 75 | 8.2 | 5.3 | 6.8 | 3.6 | .0 | .0 | .0 | .0 | .0 | TRACE | 4.8 | 9.5 | 9.5 |
| 76 | 6.4 | 4.9 | 9.9 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | .9 | 13.2 | 13.2 |
| 77 | 17.0 | 5.2 | 9.0 | 2.4 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | 8.0 | 17.0 |
| 78 | 13.0 | 18.8 | 4.5 | 1.0 | TRACE | .0 | .0 | .0 | .0 | .0 | 1.0 | 7.4 | 18.8 |
| 79 | 8.4 | 2.4 | .9 | 2.0 | .0 | .0 | .0 | .0 | .0 | .5 | .0 | 1.0 | 8.4 |
| 80 | 5.0 | 9.4 | 5.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.9 | 4.7 | 13.9 |
| 81 | 5.7 | | | | | | | | | | | | |
| MEAN | 7.49 | 7.48 | 6.53 | 2.05 | .20 | .00 | .00 | .00 | .00 | .33 | 2.37 | 7.27 | 11.35 |
| S.D. | 3.777 | 3.738 | 3.700 | 2.534 | .662 | .000 | .000 | .000 | .000 | .920 | 3.200 | 4.757 | 3.979 |
| TOTAL OBS | 909 | 792 | 889 | 870 | 899 | 870 | 898 | 899 | 870 | 899 | 870 | 899 | 10564 |

NOTE * BASED ON LESS THAN FULL MONTHS!

USAF ETAC FORM JAN 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

743920 BRUNSWICK NAS ME
STATION

52-81
YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|---------|--------|--------|-------|-------|------|------|------|------|-------|-------|--------|---------------|
| 52 | *TRACE* | .0* | 2.3 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.1 | .2 | * 3.6 |
| 53 | 12.3 | 9.4 | 1.9 | 3.6 | TRACE | .0 | .0 | .0 | .0 | .0 | .5 | 2.6 | 30.1 |
| 54 | 25.5 | 7.5 | 13.1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 4.7 | 52.7 |
| 55 | 6.9 | 23.6 | 12.8 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .7 | 13.6 | 57.6 |
| 56 | 10.7 | 28.1 | 43.5 | 8.2 | TRACE | .0 | .0 | .0 | .0 | .0 | 7.9 | 23.1 | 121.5 |
| 57 | 26.4 | 2.4 | 6.8 | 6.3 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.4 | 44.3 |
| 58 | 24.2 | 32.4 | 29.4 | 4.9 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.5 | 14.0 | 106.4 |
| 59 | 12.7 | 22.1 | 22.2 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | 6.3 | 20.2 | 83.5 |
| 60 | 29.6 | 23.0 | 33.6 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 25.7 | 111.9 |
| 61 | 21.0 | 7.3 | 24.4 | 3.0 | TRACE | .0 | .0 | .0 | .0 | 1.4 | 8.9 | 18.9 | 84.5 |
| 62 | 6.5 | 30.9 | 9.6 | 4.3 | .0 | .0 | .0 | .0 | .0 | .1 | 2.0 | 19.1 | 72.9 |
| 63 | 20.0 | 24.0 | 21.3 | TRACE | 2.0 | .0 | .0 | .0 | .0 | 2.0 | TRACE | 22.5 | 91.8 |
| 64 | 17.3 | 24.0 | 20.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 18.4 | 80.4 |
| 65 | 16.1 | 17.5 | 2.3 | .8 | .0 | .0 | .0 | .0 | .0 | 1.1 | 1.0 | 8.8 | 47.6 |
| 66 | 47.8 | 16.8 | 3.1 | 1.0 | 2.8 | .0 | .0 | .0 | .0 | TRACE | TRACE | 17.0 | 88.9 |
| 67 | 17.0 | 37.0 | 18.0 | 13.7 | TRACE | .0 | .0 | .0 | .0 | .0 | 5.3 | 18.4 | 109.4 |
| 68 | 20.1 | 5.2 | 14.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.4 | 13.6 | 65.7 |
| 69 | 5.6 | 45.8 | 9.9 | .4 | .0 | .0 | .0 | .0 | .0 | 4.4 | TRACE | 31.8 | 97.9 |
| 70 | 6.8 | 12.4 | 14.9 | 1.0 | TRACE | .0 | .0 | .0 | .0 | TRACE | .0 | 61.7 | 96.8 |
| 71 | 18.6 | 29.4 | 27.0 | 11.3 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 | 15.4 | 110.7 |
| 72 | 13.9 | 49.1 | 24.5 | 7.9 | .0 | .0 | .0 | .0 | .0 | TRACE | 13.8 | 43.5 | 152.7 |
| 73 | 14.4 | 9.2 | .7 | 3.6 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 9.9 | 37.8 |
| 74 | 17.4 | 6.8 | 11.0 | 13.1 | .0 | .0 | .0 | .0 | .0 | TRACE | 7.6 | 12.7 | 68.6 |
| 75 | 24.6 | 13.6 | 14.9 | 9.0 | .0 | .0 | .0 | .0 | .0 | TRACE | 6.4 | 30.4 | 98.9 |
| 76 | 17.8 | 11.4 | 30.9 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | 1.2 | 28.6 | 89.9 |
| 77 | 45.5 | 12.0 | 24.1 | 2.6 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | 27.2 | 113.1 |
| 78 | 37.7 | 17.0 | 15.0 | 1.0 | TRACE | .0 | .0 | .0 | .0 | .0 | 2.3 | 19.2 | * 92.2 |
| 79 | 43.6 | 3.0 | .9 | 2.0 | .0 | .0 | .0 | .0 | .0 | .5 | .0 | 1.9 | 51.5 |
| 80 | 5.6 | 12.1 | 6.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.9 | 13.9 | 51.8 |
| 81 | 11.6 | | | | | | | | | | | | |
| MEAN | 19.90 | 19.04 | 16.32 | 3.38 | .20 | .00 | .00 | .00 | .00 | .33 | 3.60 | 18.60 | 82.18 |
| S.D. | 11.684 | 12.358 | 10.898 | 4.221 | .642 | .000 | .000 | .000 | .000 | .920 | 4.518 | 12.950 | 29.499 |
| TOTAL OBS | 909 | 792 | 889 | 870 | 899 | 870 | 898 | 899 | 870 | 899 | 870 | 899 | 10349 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 34-64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

743920

BRUNSWICK NAS ME

52-81

STATION

STATION NAME

YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|---------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-13.4 | 13.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 9.2 | 8.1 | 8.8 | 8.7 | 11.7 | 14.1 | 21.2 | 13.5 | 3.1 | 1.6 | | | | 82.6 | 899 | | | |
| FEB | 9.1 | 9.4 | 10.0 | 9.2 | 7.5 | 15.4 | 18.3 | 17.4 | 3.5 | .1 | | | | 81.5 | 791 | | | |
| MAR | 28.9 | 15.7 | 9.7 | 6.0 | 4.1 | 9.1 | 12.4 | 12.2 | 1.8 | | | | | 55.4 | 868 | | | |
| APR | 85.7 | 7.7 | 2.6 | 1.2 | .7 | .6 | 1.1 | .4 | | | | | | 6.5 | 840 | | | |
| MAY | 99.9 | | .1 | | | | | | | | | | | .1 | 868 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 840 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 898 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 899 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 870 | | | |
| OCT | 99.0 | .7 | .1 | .1 | .1 | | | | | | | | | .3 | 899 | | | |
| NOV | 86.2 | 6.1 | 3.3 | 1.6 | 1.1 | 1.4 | .2 | | | | | | | 7.7 | 870 | | | |
| DEC | 34.9 | 12.8 | 10.7 | 7.1 | 5.9 | 13.0 | 9.2 | 5.3 | .8 | .2 | | | | 52.3 | 699 | | | |
| ANNUAL | 71.1 | 5.0 | 3.8 | 2.8 | 2.6 | 4.5 | 5.2 | 4.1 | .8 | .2 | | | | 23.9 | 10441 | | | |

USAFETAC FORM 0-13-3 (OL A)
OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

74392 BRUNSWICK NAS ME

52-81

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|-------|------|------|------|------|------|-------|-------|-------|---------------|
| 52 | | | | | | | 0 | 0 | 0 | 0 | TRACE | TRACE | |
| 53 | 7 | 5 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 22 | 22 |
| 54 | 11 | 13 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 13 |
| 55 | 6 | 20 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 20 |
| 56 | 7 | 19 | 25 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 25 |
| 57 | 26 | 7 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 26 |
| 58 | 10 | 27 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 27 |
| 59 | 5 | 14 | 15 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 15 | 15 |
| 60 | 20 | 20 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 20 |
| 61 | 12 | 10 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 19 | 19 |
| 62 | 6 | 25 | 24 | 2 | 0 | 0 | 0 | 0 | 0 | TRACE | 2 | 17 | 25 |
| 63 | 17 | 25 | 27 | TRACE | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 27 |
| 64 | 10 | 13 | 15 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 11 | 15 |
| 65 | 9 | 9 | 1 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 9 |
| 66 | 17 | 17 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 17 |
| 67 | 7 | 25 | 27 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9 | 27 |
| 68 | 23 | 7 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 23 |
| 69 | 12 | 32 | 34 | TRACE | 0 | 0 | 0 | 0 | 0 | 3 | TRACE | 12 | 34 |
| 70 | 7 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 40 |
| 71 | 33 | 29 | 22 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 33 |
| 72 | 8 | 38 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 25 | 38 |
| 73 | 26 | 13 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 26 |
| 74 | 14 | 6 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 10 | 14 |
| 75 | 9 | 12 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 23 | 23 |
| 76 | 22 | 8 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24 | 24 |
| 77 | 42 | 30 | 12 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 42 |
| 78 | 35 | 28 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 35 |
| 79 | 26 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | TRACE | 0 | 2 | 26 |
| 80 | 6 | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 9 | 9 |
| 81 | 10 | | | | | | | | | | | | |
| MEAN | 15.3 | 16.8 | 12.5 | 2.6 | .0 | .0 | .0 | .0 | .0 | .1 | 2.1 | 11.7 | 23.7 |
| S.D. | 9.982 | 9.401 | 9.264 | 4.826 | .189 | .008 | .000 | .000 | .000 | .581 | 2.672 | 8.803 | 8.638 |
| TOTAL OBS | 899 | 791 | 868 | 840 | 868 | 840 | 898 | 899 | 870 | 899 | 870 | 899 | 10441 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM

RA 44 6-69-3 (DLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARIABLE.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

74392
STATION

BRUNSWICK NAS ME
STATION NAME

52-81
YEARS

DAILY PEAK GUSTS IN KNOTS

| MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|-----------|--------|------------|--------------|-----------------|-------------|-----------|-------|--------|--------|-------|-------|----------|------------|
| 52 | | | | | | NNW*42NNW | 30S | 35NNW | 37NW | 42NNW | 40ENE | 46 | |
| 53 | S | 44NNW | 56ESE | 50NW | 47NNW | 43NW | 68NNW | 40NNW | 27SSW | 34ENE | 34SSE | 55SSW | 50 |
| 54 | NNE | 49W | 38WSW | 48NNW | 50W | 50NW | 33NW | 45S | 73N | 72SE | 48SSW | 41SSE | 52 |
| 55 | NNW | 48S | 55NW | 53NNE | 41NW | 39WSW | 30W | 38NNW | 38NNW | 45SSW | 43WSW | 51NW | 43 |
| 56 | ENE | 40W | 59NNE | 42S | 39SSW | 44N | 34NNW | 45NNW | 34NW | 33NNW | 39SSW | 47NNW*42 | W |
| 57 | NNW | 40NNW*34NE | *31NW | *36NNW*32SSW*43 | | | | NW | *32NNW | 46NW | 40S | 45SSE*52 | |
| 58 | NNW*51 | | | NW | *34WSW*33NW | 47NW | 35NW | 35SSW | 37NW | 43NW | 44NNW | 44 | |
| 59 | NW | 44NNW | 39NE | 42S | 43NNE | 34NNW | 36NW | *32NNE | 22NNE | 23NNW | 33SW | 39SW | 42 |
| 60 | S | 37ESE | 32NE | 31SW | 29E | 27SW | 26ESE | 31SW | 21SSW | 50NNW | 31NNW | 31NW | 39 |
| 61 | NNE | 37NNE | 33E | 28E | 30NNW | 36NNW | 24SW | 26SSW | 27S | 28NNE | 32W | 40NW | 35 |
| 62 | S | 39NE | 29NNW | 34NNW | 38W | 37NNW | 29NNE | 26NW | 35W | 30W | 41N | 33SSW*37 | N |
| 63 | NW | 38NNE | 33E | 37NW | 42W | 44W | 30W | 27S | 37W | 33W | 49S | 54NW | 33 |
| 64 | S | 38NW | 46NNW | 40NNW | 35NW | 41NNW | 34SW | 26SSW | 29W | 34W | 33SE | 40NNW | 44 |
| 65 | NNW | 40SE | 45NW | 37NW | 29NNW | 30NW | 36NNW | 28W | 30S | 36NNW | 33NW | 40W | 39 |
| 66 | N | 40NW | *19SSE*34NNW | 37NNW | 35W | 27NNW | 29W | 41W | 30NNW | 36SSE | 45SW | 30 | SSW |
| 67 | N | 28NNW | 41NNE | 30NW | 40SW | 39SW | 29SSW | 23SW | 24S | 35SW | 36W | 31NE | 36 |
| 68 | NNW | 37W | 36W | 40S | 42NE | 31SW | 2712* | 2118* | 2133* | 3118* | 3512* | 3111* | 31 |
| 69 | 11* | 2411/ | 4611/ | 3533* | 4118* | 3018* | 2111/ | 2611* | 2311* | 2311* | 2822* | 2334* | 48 |
| 70 | 18* | 2633* | 4432* | 3418* | 3518* | 2811* | 2218* | 2111* | 2318* | 3218* | 3034* | 3811* | 50 |
| 71 | 11* | 2336/ | 33 | 5/ | 4234/ | 3422/ | 32 | 1/ | 3032/ | 3625/ | 4531/ | 2822/ | 2816/ |
| 72 | 27/ | 4612/ | 5024/ | 3132/ | 3532/ | 3517/ | 3518/ | 3030/ | 28 | 2/ | 3833/ | 3519/ | 4235/ |
| 73 | 2/ | 4319* | 4833/ | 34 | 5/ | 45 | 7/ | 3430/ | 4825/ | 3027/ | 3131/ | 28 | 8/ |
| 74 | 23/ | 4729/ | 4432/ | 4632/ | 3432/ | 4218/ | 3228/ | 5022/ | 2624/ | 5619/ | 3331/ | 3733/ | 36 |
| 75 | 18/ | 4433/ | 3834/ | 4910/ | 4031/ | 3132/ | 3019/ | 2533/ | 3020/ | 3218/ | 3221/ | 3518/ | 39 |
| 76 | 29/ | 3927/ | 4432/ | 3634/ | 3431/ | 40 | 1/ | 3132/ | 3014/ | 4215/ | 3522/ | 4832/ | 4215/ |
| 77 | 15/ | 43 | 8/ | 4029/ | 4227/ | 5034/ | 44 | 2/ | 3828/ | 4021/ | 2917/ | 3018/ | 4517/ |
| 78 | 14/ | 49 | 5/ | 3828/ | 3532/ | 4632/ | 3628/ | 30 | 2/ | 2435/ | 2232/ | 3119/ | 2817/ |
| 79 | 18/ | 3431/ | 3215/ | 3616/ | 3633/ | 30 | 3/ | 2831/ | 2634/ | 2515/ | 4316/ | 3221/ | 3534/ |
| 80 | 19/ | 5233/ | 3032/ | 3017/ | 3031/ | 3432/ | 2434/ | 3530/ | 2615/ | 32 | 2/ | 3618/ | 3235/ |
| 81 | 15/ | 29 | | | | | | | | | | | 32 |
| MEAN | 41.3 | 40.9 | 36.7 | 38.9 | 37.0 | 33.9 | 32.0 | 32.5 | 37.0 | 37.3 | 40.0 | 40.6 | 51.7 |
| S.D. | 5.895 | 8.512 | 6.920 | 6.573 | 5.680 | 9.134 | 7.363 | 10.638 | 10.607 | 6.138 | 6.737 | 6.287 | 8.738 |
| TOTAL OBS | 857 | 710 | 810 | 770 | 827 | 814 | 841 | 840 | 853 | 873 | 854 | 853 | 9916 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM

AA 64

0-88-5 (OLA)

5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7-0920 STATION NAME BRUNSWICK NAS ME 69-70, 73-80 YEARS JAN MONTH
CLASS ALL WEATHER
0000-0200 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.1 | 6.3 | 4.9 | 2.4 | .4 | .1 | | | | | | 17.2 | 7.0 |
| NNE | 3.9 | 3.5 | 3.2 | 1.1 | .2 | | | | | | | 11.9 | 6.0 |
| NE | 1.0 | 1.0 | 1.3 | | .1 | | | | | | | 3.4 | 5.9 |
| NNE | .7 | .5 | | .1 | | | | | | | | 1.3 | 4.0 |
| E | .4 | | | .1 | | | | | | | | .5 | 4.2 |
| ESE | .2 | | | | | | | | | | | .2 | 2.0 |
| SE | .1 | | .1 | .2 | | | | | | | | .4 | 9.5 |
| SSE | .4 | .1 | .1 | .2 | .2 | .1 | | | | | | 1.2 | 10.3 |
| S | .9 | .4 | .3 | .9 | .5 | .5 | | | | | | 3.6 | 11.5 |
| SSW | .3 | .8 | 2.0 | .3 | .2 | .1 | | | | | | 3.7 | 8.8 |
| SW | .7 | 2.7 | 2.7 | .1 | .1 | | | | | | | 6.3 | 6.7 |
| WSW | .9 | 1.6 | 1.5 | .1 | .1 | .1 | | | | | | 4.4 | 6.8 |
| W | 1.2 | 2.8 | 1.0 | .9 | | | | | | | | 5.5 | 5.5 |
| WNW | .7 | 1.1 | 1.0 | .9 | | | | | | | | 3.6 | 7.4 |
| NW | .7 | 1.9 | 2.6 | 1.6 | .2 | | | | | | | 7.0 | 8.2 |
| NNW | 1.9 | 3.9 | 3.1 | 1.2 | | | | | | | | 10.1 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.7 | |
| | 16.8 | 26.8 | 23.8 | 9.7 | 2.2 | 1.0 | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 002
STATION

BRUNSWICK NAS ME

STATION NAME

69-70,73-80

YEARS

JAN

MONTH

ALL WEATHER

CLASS

0300-0500

OURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.0 | 7.0 | 4.0 | 3.3 | .5 | | | | | | | 18.8 | 6.8 |
| NNE | 3.4 | 2.9 | 3.3 | 1.0 | .1 | | | | | | | 10.7 | 6.0 |
| NE | .9 | 1.0 | 1.2 | .1 | | | | | | | | 3.2 | 5.9 |
| ENE | .2 | .2 | .1 | .3 | | | | | | | | .9 | 5.9 |
| E | .3 | .1 | .3 | | | | | | | | | .9 | 5.1 |
| ESE | .1 | | .1 | | | | | | | | | .2 | 5.2 |
| SE | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| SSE | | .1 | | | .1 | .2 | | | | | | .4 | 17.5 |
| S | .5 | .1 | .4 | .5 | .2 | .4 | | | | | | 2.3 | 12.5 |
| SSW | 1.1 | 1.1 | .7 | .7 | .5 | | | | | | | 4.0 | 7.9 |
| SW | 1.2 | 2.2 | 2.2 | .4 | .2 | | | | | | | 6.2 | 6.6 |
| WSW | 1.1 | 1.9 | 1.2 | .2 | | | | | | | | 4.4 | 5.8 |
| W | 1.3 | 2.8 | .5 | .1 | | | | | | | | 4.6 | 4.8 |
| WNW | .7 | 1.6 | .8 | .8 | | | | | | | | 3.8 | 7.2 |
| NW | 1.0 | 1.6 | 2.8 | 1.1 | | | | | | | | 6.5 | 7.5 |
| NNW | 1.7 | 2.6 | 2.4 | 2.5 | .1 | | | | | | | 9.4 | 7.6 |
| VARB | .2 | | | | | | | | | | | .2 | 2.5 |
| CALM | | | | | | | | | | | | 23.1 | |
| | 18.0 | 25.4 | 20.0 | 11.0 | 1.9 | .7 | | | | | | 100.2 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS

918

ATLANTIC CLIMATOLOGY BRANCH
 STAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-1925 STATION BRUNSWICK NAS ME STATION NAME 69-70,73-80 YEARS JAN MONTH
 ALL WEATHER CLASS 0620-0800 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 6.2 | 5.9 | 4.8 | 2.2 | .2 | | | | | | | 19.4 | 6.6 |
| NNE | 1.9 | 3.6 | 2.3 | 1.0 | .3 | | | | | | | 9.7 | 6.8 |
| NE | .3 | 1.2 | .9 | .4 | .1 | | | | | | | 3.4 | 6.9 |
| ENE | .6 | .3 | .3 | | .1 | | | | | | | 1.3 | 5.8 |
| E | .2 | .2 | | .1 | | | | | | | | .6 | 5.4 |
| ESE | | .1 | | .2 | | | | | | | | .3 | 11.7 |
| SE | | | | | | | | | | | | | |
| SSE | .1 | .1 | .1 | | .1 | .2 | | | | | | .7 | 13.0 |
| S | 1.3 | .7 | .9 | .3 | .1 | | | | | | | 3.3 | 6.4 |
| SSW | 1.0 | .7 | 1.0 | 1.1 | .1 | | | | | | | 3.9 | 7.9 |
| SW | 1.7 | 1.4 | 1.7 | 1.0 | .1 | | | | | | | 5.8 | 6.5 |
| WSW | 1.0 | 1.3 | 1.1 | .4 | | | | | | | | 3.9 | 6.2 |
| W | 1.1 | 2.2 | .9 | .9 | | | | | | | | 5.1 | 6.3 |
| WNW | .8 | 1.9 | 1.3 | .2 | .1 | | | | | | | 4.3 | 6.4 |
| NW | 1.7 | 1.1 | 1.8 | .9 | | | | | | | | 4.7 | 7.2 |
| NNW | 1.7 | 1.3 | 4.1 | 1.5 | .1 | | | | | | | 10.7 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.8 | |
| | 12.0 | 24.1 | 21.1 | 10.3 | 1.4 | .2 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS ME YEARS 69-70, 73-80 MONTH JAN
STATION NAME CLASS ALL WEATHER PERIOD 0900-1100
CONDITION (L.S.V.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.1 | 3.9 | 5.7 | 3.1 | .4 | | | | | | | 12.2 | 8.0 |
| NNE | 1.9 | 4.9 | 4.1 | 1.9 | .3 | | | | | | | 13.1 | 7.3 |
| NE | 1.6 | 1.6 | .8 | .9 | .3 | | | | | | | 5.2 | 6.9 |
| ENE | .4 | .3 | .2 | | | | | | | | | 1.1 | 4.7 |
| E | .3 | .1 | | | | | | | | | | .4 | 3.7 |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | .5 | .1 | .3 | | .1 | .3 | .1 | | | | | 1.5 | 11.5 |
| S | .7 | .7 | .7 | .7 | .1 | | | | | | | 2.7 | 7.6 |
| SSW | .5 | 1.1 | .5 | 1.0 | .1 | | | | | | | 3.3 | 6.7 |
| SW | .3 | 1.2 | 2.3 | 1.9 | | | | | | | | 5.7 | 9.4 |
| WSW | .8 | 2.3 | 2.2 | 1.1 | | | | | | | | 6.3 | 7.1 |
| W | .8 | 1.3 | 2.5 | 1.0 | .3 | .1 | | | | | | 6.7 | 8.5 |
| WNW | .5 | 1.6 | 2.8 | 1.5 | .5 | | | | | | | 7.1 | 9.1 |
| NW | .4 | 1.5 | 2.2 | 3.1 | .3 | | | | | | | 7.6 | 9.5 |
| NNW | 1.1 | 2.2 | 4.0 | 2.7 | .3 | .1 | | | | | | 10.5 | 8.9 |
| VARBL | .1 | | | | | | | | | | | .1 | 3.7 |
| CALM | | | | | | | | | | | | 14.3 | |
| | 12.1 | 23.0 | 28.4 | 18.6 | 2.9 | .5 | .1 | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 917

U.S. NATIONAL CLIMATOLOGY BRANCH
U.S. AIR FORCE
U.S. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS ME STATION NAME 69-70.73-80 YEARS JAN
CLASS ALL WEATHER MONTHS 1200-1400
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.5 | 2.8 | 5.6 | 2.9 | .8 | .2 | | | | | | 13.6 | 9.0 |
| NNE | 1.0 | 1.4 | 2.5 | 2.3 | .1 | .1 | | | | | | 7.5 | 8.9 |
| NE | .3 | 2.2 | .3 | .4 | .1 | | | | | | | 3.4 | 6.4 |
| NNE | .4 | .2 | .6 | .1 | | | | | | | | 1.3 | 6.0 |
| E | .2 | .4 | .7 | | | | | | | | | 1.3 | 5.9 |
| ESE | .1 | .2 | .1 | | | | | | | | | .4 | 5.3 |
| SE | .2 | | | | | | | | | | | .2 | 2.5 |
| SSE | .4 | .3 | | | .3 | | | | | | | 1.1 | 8.1 |
| S | 1.7 | 1.8 | 2.4 | 1.0 | .6 | .4 | | | | | | 7.8 | 8.7 |
| SSW | .6 | 1.3 | 1.5 | .6 | | | | | | | | 4.0 | 7.0 |
| SW | .3 | 1.5 | 3.3 | 1.5 | | | | | | | | 6.7 | 8.6 |
| WSW | .3 | .7 | 2.2 | 1.7 | .1 | | | | | | | 5.0 | 9.4 |
| W | 1.1 | 2.5 | 2.6 | 1.0 | .3 | | | | | | | 7.6 | 7.4 |
| WNW | .6 | 1.9 | 2.8 | 2.6 | 1.3 | .1 | | | | | | 9.3 | 10.3 |
| NW | | 1.3 | 3.0 | 3.3 | .9 | .3 | | | | | | 8.8 | 11.6 |
| NNW | .4 | 2.0 | 3.6 | 4.6 | .7 | .1 | | | | | | 11.5 | 10.1 |
| VARBL | | .1 | | | | | | | | | | .1 | 5.0 |
| CALM | | | | | | | | | | | | 10.0 | |
| | 9.3 | 20.8 | 31.3 | 22.1 | 5.2 | 1.3 | | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-1921
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.7 | 3.0 | 4.9 | 2.7 | 1.0 | .1 | | | | | | 13.4 | 6.9 |
| NNE | .8 | 1.4 | 2.1 | 1.4 | .1 | | | | | | | 5.8 | 8.0 |
| NE | 1.3 | 1.3 | .9 | .2 | .1 | | | | | | | 3.6 | 5.8 |
| ENE | 1.0 | .5 | .4 | .1 | .1 | | | | | | | 2.2 | 5.5 |
| E | .5 | .4 | .3 | .2 | | | | | | | | 1.5 | 5.8 |
| ESE | .2 | .2 | .1 | | | | | | | | | .5 | 5.2 |
| SE | .2 | .2 | | | | | | | | | | .4 | 3.3 |
| SSE | .7 | .5 | .4 | .1 | .2 | .1 | | | | | | 2.1 | 7.6 |
| S | 1.5 | 4.0 | 1.0 | .8 | .8 | .3 | | | | | | 8.4 | 7.7 |
| SSW | .8 | 2.5 | 1.1 | .7 | .2 | | | | | | | 5.2 | 6.9 |
| SW | .3 | 2.5 | 2.3 | .7 | .1 | .2 | | | | | | 6.1 | 8.0 |
| WSW | .4 | .8 | 1.9 | .4 | .2 | | | | | | | 3.7 | 8.5 |
| W | 1.2 | 1.5 | 2.4 | 1.6 | .3 | | | | | | | 7.1 | 8.2 |
| WNW | .4 | 1.4 | 1.5 | 2.1 | .5 | | | | | | | 6.0 | 9.9 |
| NW | .4 | 2.0 | 3.6 | 3.8 | .3 | | | | | | | 10.2 | 9.7 |
| NNW | .2 | 3.6 | 4.4 | 2.2 | 1.0 | | | | | | | 11.4 | 9.1 |
| VARBL | .1 | | | | | | | | | | | .1 | 2.0 |
| CALM | | | | | | | | | | | | 11.9 | |
| | 11.9 | 26.0 | 27.3 | 17.0 | 5.0 | .8 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS

915

GLOBAL CLIMATOLOGY BRANCH
USAFETAO
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7-3923
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 2.3 | 3.5 | 5.3 | 3.2 | .8 | | .1 | | | | | 15.1 | 8.4 |
| NNE | 1.3 | 1.6 | 2.0 | .7 | .2 | | | | | | | 5.8 | 7.2 |
| NE | .3 | 1.3 | .2 | .1 | | | | | | | | 2.0 | 5.6 |
| NNE | .7 | .2 | .1 | .4 | | | | | | | | 1.4 | 6.6 |
| E | .5 | .1 | .3 | .2 | | | | | | | | 1.2 | 6.5 |
| ESE | | .1 | | | | | | | | | | .1 | 4.0 |
| SE | .3 | .1 | | .1 | | | | | | | | .5 | 5.8 |
| SSE | .2 | .1 | .4 | .1 | .1 | .1 | | | | | | 1.1 | 10.5 |
| S | 1.9 | 1.1 | .9 | .9 | .7 | .2 | | | | | | 5.6 | 8.5 |
| SSW | .8 | 1.0 | 1.1 | .7 | .1 | .1 | | | | | | 3.7 | 8.0 |
| SW | .9 | 2.2 | 2.6 | .5 | .1 | .1 | | | | | | 6.4 | 7.5 |
| WSW | 1.1 | 2.1 | 1.1 | .7 | .2 | | | | | | | 5.1 | 6.8 |
| W | 1.2 | 1.4 | 1.6 | .3 | | | | | | | | 4.6 | 6.2 |
| WNW | .9 | 1.3 | 2.7 | 1.1 | | | | | | | | 6.0 | 8.2 |
| NW | 1.0 | 2.3 | 2.4 | 1.9 | | | | | | | | 7.6 | 7.9 |
| NNW | 1.6 | 2.4 | 4.2 | 2.3 | .4 | | | | | | | 11.0 | 8.2 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.8 | |
| | 14.9 | 20.9 | 25.0 | 13.1 | 2.6 | .5 | .1 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-2922
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.5 | 4.9 | 4.6 | 2.8 | .2 | .2 | | | | | | 17.2 | 6.8 |
| NNE | 1.2 | 3.2 | 2.4 | 1.1 | .2 | .1 | | | | | | 8.2 | 7.0 |
| NE | .5 | 1.5 | .4 | .2 | | | | | | | | 2.7 | 5.3 |
| ENE | .3 | .2 | .1 | .3 | | | | | | | | 1.0 | 7.6 |
| E | .2 | .2 | | .1 | | | | | | | | .5 | 5.4 |
| ESE | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| SE | .3 | | .1 | | .1 | .1 | | | | | | .7 | 10.3 |
| SSE | | .4 | .1 | .4 | .1 | | | | | | | 1.1 | 9.9 |
| S | 1.0 | .8 | .2 | .7 | .3 | .3 | | | | | | 3.3 | 9.5 |
| SSW | .7 | 1.3 | .9 | .9 | | .2 | .1 | | | | | 4.0 | 8.7 |
| SW | .7 | 2.0 | 2.4 | .9 | | | | | | | | 5.9 | 7.4 |
| WSW | .9 | 1.7 | 2.5 | .4 | .5 | .2 | | | | | | 6.3 | 8.4 |
| W | 1.5 | 2.7 | 1.5 | .3 | | | | | | | | 6.1 | 5.4 |
| WNW | .8 | 2.2 | 1.7 | .8 | | | | | | | | 5.5 | 7.2 |
| NW | .9 | 2.0 | 1.7 | 1.2 | | | | | | | | 5.8 | 7.3 |
| NNW | 2.4 | 4.3 | 3.3 | 1.4 | .3 | | | | | | | 11.7 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.7 | |
| | 16.0 | 27.5 | 22.0 | 11.6 | 1.9 | 1.2 | .1 | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS

917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

703927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70.73-80
COORD

JAN
MONTH

ALL WEATHER
CLASS

ALL
SOURCE (I.C.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 3.2 | 4.7 | 5.0 | 2.8 | .5 | .1 | .0 | | | | | 16.3 | 7.5 |
| NNE | 1.9 | 2.8 | 2.7 | 1.3 | .2 | .0 | | | | | | 9.0 | 7.0 |
| NE | .8 | 1.4 | .8 | .3 | .1 | | | | | | | 3.4 | 6.2 |
| ENE | .5 | .3 | .2 | .2 | .0 | | | | | | | 1.3 | 5.9 |
| E | .4 | .2 | .2 | .1 | | | | | | | | .9 | 5.5 |
| ESE | .1 | .1 | .0 | .0 | | | | | | | | .3 | 5.5 |
| SE | .2 | .1 | .0 | .0 | .0 | .0 | | | | | | .3 | 6.5 |
| SSE | .3 | .2 | .2 | .1 | .2 | .1 | .0 | | | | | 1.1 | 10.1 |
| S | 1.2 | 1.2 | .8 | .7 | .4 | .3 | | | | | | 4.6 | 8.7 |
| SSW | .7 | 1.2 | 1.1 | .7 | .2 | .1 | .0 | | | | | 4.0 | 7.9 |
| SW | .7 | 2.0 | 2.4 | .9 | .1 | .0 | | | | | | 6.1 | 7.6 |
| WSW | .8 | 1.5 | 1.7 | .6 | .2 | .0 | | | | | | 4.9 | 7.4 |
| W | 1.2 | 2.2 | 1.6 | .7 | .1 | .0 | | | | | | 5.8 | 6.7 |
| WNW | .7 | 1.6 | 1.8 | 1.2 | .3 | .0 | | | | | | 5.7 | 8.5 |
| NW | .7 | 1.7 | 2.5 | 2.1 | .2 | .0 | | | | | | 7.3 | 8.9 |
| NNW | 1.4 | 3.0 | 3.6 | 2.3 | .4 | .0 | | | | | | 10.8 | 8.1 |
| VARBL | .1 | .0 | | | | | | | | | | .1 | 3.0 |
| CALM | | | | | | | | | | | | 18.2 | |
| | 14.8 | 24.3 | 24.9 | 14.2 | 2.9 | .8 | .0 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS

7310

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-1920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 4.7 | 4.5 | 3.8 | 3.7 | .7 | .1 | | | | | | 17.6 | 7.5 |
| NNE | 1.8 | 3.3 | 1.6 | .5 | | .2 | | | | | | 7.4 | 6.2 |
| NE | 1.4 | 1.1 | .6 | .2 | .1 | .1 | | | | | | 3.6 | 6.0 |
| ENE | .4 | .6 | .1 | .1 | | | | | | | | 1.2 | 4.9 |
| E | .4 | .2 | .1 | | .4 | | | | | | | 1.1 | 9.8 |
| ESE | .2 | | | | | | | | | | | .2 | 2.5 |
| SE | | .2 | .2 | | | | | | | | | .5 | 7.7 |
| SSE | .2 | | | | | | | | | | | .2 | 2.5 |
| S | 1.6 | .7 | .7 | .4 | .1 | .5 | | | | | | 3.9 | 8.0 |
| SSW | .4 | .7 | 1.3 | 1.3 | .1 | .1 | | | | | | 3.9 | 9.6 |
| SW | .7 | 1.9 | 1.3 | .4 | .1 | | | | | | | 4.4 | 6.5 |
| WSW | .7 | 1.1 | .7 | .5 | .1 | | | | | | | 3.1 | 7.0 |
| W | 1.6 | 2.0 | .1 | .7 | .1 | | | | | | | 4.5 | 5.7 |
| WNW | .7 | 1.6 | 1.4 | 1.1 | .1 | .2 | | | | | | 5.1 | 8.5 |
| NW | .7 | 1.6 | 2.4 | 1.7 | | | | | | | | 6.3 | 8.0 |
| NNW | 2.2 | 4.2 | 2.7 | 2.9 | .2 | | | | | | | 12.2 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.6 | |
| | 17.6 | 23.8 | 17.2 | 13.4 | 2.2 | 1.3 | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7-392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
YEAR

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.G.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.8 | 5.2 | 3.6 | 1.9 | .5 | .4 | | | | | | 16.4 | 6.7 |
| NNE | 1.7 | 3.0 | 2.8 | 1.3 | | | | | | | | 8.8 | 6.5 |
| NE | 1.6 | 1.1 | 1.0 | .1 | | .2 | | | | | | 4.0 | 6.1 |
| NNE | .2 | .4 | .1 | .1 | .1 | .1 | | | | | | 1.1 | 9.4 |
| E | .1 | .1 | .2 | | .1 | .1 | | | | | | .7 | 11.8 |
| ESE | | | | | | .1 | | | | | | .1 | 22.0 |
| SE | | .1 | | | | | | | | | | .1 | 4.0 |
| SSE | .6 | | | .2 | | | | | | | | .8 | 5.3 |
| S | 1.2 | 1.2 | .4 | .4 | | | | | | | | 3.1 | 5.1 |
| SSW | .7 | .6 | 1.2 | 1.0 | | | | | | | | 3.5 | 8.0 |
| SW | .5 | .8 | 1.1 | .5 | | | | | | | | 2.9 | 7.8 |
| WSW | .8 | .8 | .5 | 1.0 | | | | | | | | 3.1 | 7.2 |
| W | 1.9 | 1.6 | .5 | .5 | | .2 | | | | | | 4.7 | 6.1 |
| WNW | .4 | 2.0 | 1.7 | 1.0 | .4 | | | | | | | 5.4 | 8.2 |
| NW | 1.1 | 2.6 | 2.3 | 2.6 | .1 | | | | | | | 8.8 | 8.2 |
| NNW | 1.4 | 3.4 | 2.5 | 1.7 | .7 | .1 | | | | | | 9.9 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.6 | |
| | 17.1 | 23.0 | 17.8 | 12.3 | 1.9 | 1.3 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS

831

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

FER
MONTH

ALL WEATHER
CLASS

0600-0800
GROUP (L&T)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 5.3 | 6.3 | 3.7 | 3.3 | .6 | .2 | .1 | | | | | 19.6 | 7.0 |
| NNE | 3.5 | 2.9 | 1.9 | 1.2 | | | | | | | | 9.5 | 5.8 |
| NNE | .8 | 1.1 | 1.1 | .1 | | | | | | | | 3.1 | 5.7 |
| ENE | .5 | .5 | .1 | | | .1 | | | | | | 1.2 | 5.9 |
| E | .4 | .1 | .2 | | | .2 | | | | | | 1.0 | 9.5 |
| ESE | | .1 | .5 | | .1 | .1 | | | | | | .8 | 10.6 |
| SE | | .1 | | .1 | | | | | | | | .2 | 8.5 |
| SSE | .5 | .2 | | | | | | | | | | .7 | 2.8 |
| S | 1.1 | .7 | | .4 | | .4 | | | | | | 2.5 | 7.7 |
| SSW | .5 | .5 | .8 | .6 | | | | | | | | 2.4 | 7.9 |
| SW | .2 | 1.0 | .8 | 1.2 | | | | | | | | 3.3 | 8.4 |
| WSW | .8 | 1.0 | 1.2 | .2 | .1 | | | | | | | 3.4 | 6.6 |
| W | 1.2 | 1.6 | 1.1 | .1 | .2 | | | | | | | 4.2 | 6.1 |
| WNW | 1.2 | 1.7 | 1.8 | .4 | .4 | .1 | | | | | | 5.6 | 7.4 |
| NW | .2 | 2.4 | 2.7 | 1.8 | .5 | .1 | | | | | | 7.7 | 9.4 |
| NNW | 1.2 | 2.3 | 2.4 | 1.6 | .6 | | | | | | | 8.1 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.6 | |
| | 17.5 | 22.5 | 18.5 | 11.0 | 2.5 | 1.3 | .1 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 826

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/NAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7-1920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70.73-80
TIME

FEB
MONTH

ALL WEATHER
CLASS

2900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIRE. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 2.1 | 3.5 | 4.5 | 3.0 | .6 | .4 | | | | | | 14.2 | 8.7 |
| NNE | 2.1 | 4.2 | 2.7 | 1.8 | .7 | | | | | | | 11.6 | 7.4 |
| NE | .8 | 2.0 | 1.6 | .1 | | | | | | | | 4.5 | 6.0 |
| NNE | | .8 | 1.1 | .1 | | | | | | | | 2.0 | 7.6 |
| E | .4 | .7 | .5 | .1 | | | | | | | | 1.7 | 5.9 |
| ESE | | .4 | .4 | .1 | | | | | | | | .8 | 8.0 |
| SE | .1 | .4 | .1 | | | | | | | | | .6 | 4.8 |
| ESE | .8 | .1 | .1 | | | | | | | | | 1.1 | 3.1 |
| S | 1.1 | 1.7 | .7 | .8 | .2 | | | | | | | 4.5 | 7.6 |
| SSW | .4 | 1.2 | .8 | .8 | .1 | | | | | | | 3.3 | 8.3 |
| SW | .4 | 1.1 | 1.2 | .5 | .5 | | | | | | | 1.6 | 9.1 |
| WSW | .2 | 1.3 | 1.2 | .7 | | | | | | | | 3.5 | 7.7 |
| W | .7 | 1.0 | 1.6 | 1.2 | .2 | .1 | | | | | | 4.8 | 8.7 |
| WNW | .8 | 1.7 | 3.2 | 1.9 | .1 | .1 | | | | | | 7.9 | 9.0 |
| NW | .4 | 1.4 | 4.3 | 3.6 | .8 | .1 | | | | | | 12.6 | 10.6 |
| NNW | 1.3 | 2.9 | 5.3 | 4.1 | .5 | | | | | | | 14.0 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.6 | |
| | 11.6 | 28.2 | 29.2 | 18.9 | 3.8 | .7 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 838

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1270-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.7 | 4.9 | 3.7 | 1.2 | | | | | | | 12.8 | 9.8 |
| NNE | 1.1 | 2.4 | 3.2 | 1.5 | .5 | | | | | | | 8.7 | 7.9 |
| NE | .7 | 1.2 | .9 | | .1 | | | | | | | 2.9 | 6.1 |
| ENE | .5 | .6 | .4 | | | | | | | | | 1.5 | 4.9 |
| E | .4 | .4 | .6 | .1 | | | | | | | | 1.5 | 6.4 |
| ESE | .2 | .2 | .4 | .2 | | | | | | | | 1.1 | 7.6 |
| SE | .1 | .4 | .1 | | | | | | | | | .6 | 4.2 |
| SSE | .2 | .7 | 1.1 | .1 | | | | | | | | 2.2 | 6.7 |
| S | 1.2 | 2.7 | 2.7 | 1.3 | .1 | .1 | | | | | | 7.4 | 7.6 |
| SSW | .2 | .7 | 3.9 | 1.3 | .5 | | | | | | | 6.7 | 9.5 |
| SW | .1 | .9 | 1.1 | 1.1 | .1 | | | | | | | 3.3 | 9.4 |
| WSW | .9 | .5 | 1.0 | .9 | .2 | | | | | | | 3.4 | 8.2 |
| W | .1 | 1.3 | 2.1 | 2.6 | .4 | | | | | | | 6.5 | 10.1 |
| WNW | .5 | 1.5 | 3.9 | 3.2 | 1.2 | .1 | | | | | | 10.4 | 10.5 |
| NW | .7 | 1.5 | 4.9 | 4.4 | 1.0 | .4 | | | | | | 12.8 | 10.6 |
| NNW | .6 | 2.2 | 4.3 | 3.9 | 1.3 | .2 | | | | | | 12.6 | 10.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 3.8 | 18.4 | 35.2 | 24.3 | 6.7 | .9 | | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS

820

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 1970 STATION RUNSWICK NAS ME STATION NAME 69-75,73-80 YEARS FEB MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.1 | 2.5 | 4.3 | 3.6 | .8 | | | | | | | 12.4 | 9.0 |
| NNE | 1.1 | 1.3 | 2.0 | 2.3 | .2 | | | | | | | 7.0 | 8.5 |
| NE | .8 | 1.4 | .7 | .1 | | | | | | | | 2.1 | 5.3 |
| ENE | .7 | .2 | .2 | | | | | | | | | 1.2 | 4.5 |
| E | .1 | .5 | .6 | | | | | | | | | 1.2 | 6.8 |
| ESE | .4 | .2 | .4 | .1 | | | | | | | | 1.1 | 6.0 |
| SE | .4 | 1.0 | .2 | .1 | .1 | | | | | | | 1.8 | 6.5 |
| SSE | .6 | 1.2 | .8 | .1 | .2 | | .1 | | | | | 2.9 | 8.0 |
| S | 1.4 | 3.5 | 3.8 | 1.3 | .2 | | .1 | | | | | 10.4 | 7.5 |
| SSW | .6 | 2.4 | 1.7 | 1.7 | .2 | .1 | | | | | | 6.7 | 8.1 |
| SW | .7 | 1.4 | 1.4 | .2 | | | | | | | | 3.6 | 6.3 |
| WSW | .6 | .5 | .8 | .7 | .1 | .1 | | | | | | 2.9 | 9.2 |
| W | .6 | 1.4 | 2.2 | 1.8 | .4 | .1 | | | | | | 6.5 | 9.2 |
| WNW | .7 | 1.8 | 3.1 | 2.9 | .6 | .1 | | | | | | 9.2 | 9.8 |
| NW | .5 | 1.8 | 3.8 | 5.3 | .7 | .2 | | | | | | 12.4 | 10.8 |
| NNW | .7 | 2.4 | 4.9 | 3.8 | .6 | .2 | | | | | | 12.7 | 9.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 11.0 | 23.4 | 31.2 | 24.1 | 4.3 | 1.0 | .2 | | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 633

JOINT PAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920 STATION BRUNSWICK NAS ME 69-70,73-80 YEARS FEB MONTHS
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 3.2 | 3.2 | 2.5 | 1.6 | .2 | | | | | | 12.9 | 9.4 |
| NNE | 1.9 | .8 | 2.0 | 1.0 | .4 | | | | | | | 6.1 | 7.2 |
| NE | 1.8 | 1.2 | .1 | .4 | | | | | | | | 3.5 | 4.6 |
| ENE | .8 | .5 | | .1 | | | | | | | | 1.4 | 4.0 |
| E | .5 | .7 | .4 | .2 | | | | | | | | 1.9 | 5.9 |
| ESE | .1 | .4 | | | | | | | | | | .5 | 4.3 |
| SE | .4 | .4 | .1 | | | | | | | | | .3 | 4.0 |
| SSE | .8 | 1.2 | .1 | .2 | .1 | .1 | | | | | | 2.6 | 6.7 |
| S | 2.4 | 2.4 | 1.4 | .8 | .2 | .2 | .2 | | | | | 7.8 | 7.3 |
| SSW | 1.4 | 1.9 | 1.2 | .8 | | | | | | | | 5.4 | 6.3 |
| SW | .7 | 1.1 | .6 | | | | | | | | | 2.4 | 5.2 |
| WSW | 1.0 | 1.4 | .6 | .1 | .2 | .2 | | | | | | 3.6 | 7.5 |
| W | 1.4 | 1.6 | 1.9 | .4 | .1 | | | | | | | 5.4 | 6.4 |
| WNW | .6 | 1.3 | 1.4 | 1.7 | .1 | | | | | | | 5.2 | 8.6 |
| NW | 1.0 | 3.6 | 3.2 | 2.6 | .8 | .1 | | | | | | 11.4 | 6.9 |
| NNW | 1.7 | 3.0 | 6.2 | 2.9 | .5 | | | | | | | 14.3 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.8 | |
| | 18.6 | 24.8 | 22.7 | 13.8 | 4.1 | 1.0 | .2 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 832

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS ME STATION NAME 69-70.73-80 YEARS 1969-1973 PER MONTH 2100-2300
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.5 | 4.8 | 2.7 | 3.8 | 1.4 | .4 | | | | | | 17.7 | 8.2 |
| NNE | 2.2 | 1.0 | 1.7 | .7 | | | | | | | | 6.5 | 5.8 |
| NE | .9 | .8 | .2 | .1 | | | | | | | | 2.0 | 4.2 |
| ENE | .1 | | .5 | .4 | .1 | | | | | | | 1.1 | 15.1 |
| E | .2 | .5 | .2 | .2 | | .1 | | | | | | 1.3 | 8.3 |
| ESE | | .2 | | .1 | | | | | | | | .4 | 7.7 |
| SE | | .1 | | | | | | | | | | .1 | 4.0 |
| SSE | .5 | .2 | .5 | | .1 | .1 | | | | | | 1.4 | 7.8 |
| S | 1.2 | 1.2 | 1.1 | .6 | .1 | .4 | .5 | | | | | 5.0 | 10.2 |
| SSW | .6 | 1.6 | 1.2 | .4 | .4 | .1 | | | | | | 4.2 | 7.8 |
| SW | 1.7 | .7 | .7 | .2 | | | | | | | | 3.3 | 5.7 |
| WSW | 1.0 | .4 | .5 | .8 | | .1 | | | | | | 2.7 | 7.6 |
| W | 2.2 | 1.3 | .5 | .5 | .1 | | | | | | | 4.5 | 5.2 |
| WNW | 1.4 | 1.3 | 1.7 | 1.1 | .4 | | | | | | | 5.9 | 7.5 |
| NW | 1.0 | 2.0 | 2.2 | 1.8 | .1 | .1 | | | | | | 7.2 | 8.6 |
| NNW | 1.0 | 3.6 | 4.7 | 3.8 | .1 | .1 | | | | | | 14.2 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.5 | |
| | 19.2 | 20.7 | 18.3 | 14.6 | 2.9 | 1.4 | .5 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

71692 STATION BRUNSWICK NAS ME STATION NAME 69-70,73-60 YEARS FEB MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 4.1 | 3.9 | 3.2 | .9 | .2 | .0 | | | | | 15.4 | 8.2 |
| NNE | 1.0 | 2.5 | 2.2 | 1.3 | .2 | .0 | | | | | | 8.2 | 6.9 |
| NE | 1.1 | 1.2 | .8 | .2 | .0 | .0 | | | | | | 3.4 | 5.6 |
| ENE | .4 | .5 | .3 | .1 | .0 | .0 | | | | | | 1.3 | 6.3 |
| E | .3 | .4 | .4 | .1 | .1 | .1 | | | | | | 1.3 | 7.5 |
| ESE | .1 | .2 | .2 | .1 | .0 | .0 | | | | | | .6 | 7.6 |
| SE | .1 | .3 | .1 | .0 | .0 | | | | | | | .5 | 5.6 |
| SSE | .5 | .4 | .3 | .1 | .1 | .0 | .0 | | | | | 1.5 | 6.4 |
| S | 1.4 | 1.7 | 1.4 | .8 | .1 | .2 | .1 | | | | | 5.6 | 7.7 |
| SSW | .6 | 1.2 | 1.5 | 1.0 | .2 | .0 | | | | | | 4.5 | 8.2 |
| SW | .6 | 1.1 | 1.0 | .5 | .1 | | | | | | | 3.4 | 7.2 |
| WSW | .8 | .9 | .8 | .6 | .1 | .1 | | | | | | 3.2 | 7.6 |
| W | 1.2 | 1.5 | 1.2 | 1.0 | .2 | .1 | | | | | | 5.1 | 7.4 |
| WNW | .8 | 1.6 | 2.3 | 1.6 | .4 | .1 | | | | | | 6.8 | 8.9 |
| NW | .7 | 2.1 | 3.2 | 3.0 | .5 | .1 | | | | | | 9.6 | 9.6 |
| NNW | 1.4 | 3.7 | 4.1 | 3.1 | .6 | .1 | | | | | | 12.2 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.1 | |
| | 15.2 | 22.6 | 23.8 | 16.5 | 3.5 | 1.1 | .1 | | | | | 100.1 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 6650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS ME YEARS 69-70, 73-80 MONTH MAR
STATION NAME
CLASS ALL WEATHER 3000-0205
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 2.3 | 1.4 | 2.1 | .2 | | | | | | | 8.5 | 7.1 |
| NNE | 1.4 | 1.3 | 1.4 | 1.4 | .2 | | | | | | | 5.6 | 7.5 |
| NE | .8 | 1.4 | .4 | .2 | .1 | .2 | | | | | | 3.2 | 7.5 |
| ENE | .7 | .7 | .9 | | | | | | | | | 2.2 | 5.5 |
| E | .8 | .4 | .7 | .2 | | | | | | | | 2.1 | 6.0 |
| ESE | | .2 | .3 | .1 | | | | | | | | .7 | 7.3 |
| SE | .2 | .1 | .1 | .3 | | | | | | | | .8 | 8.3 |
| SSE | .3 | .6 | .6 | .6 | .1 | .1 | | | | | | 2.2 | 9.6 |
| S | 2.4 | 1.9 | 2.2 | .9 | .8 | .1 | | | | | | 8.3 | 7.1 |
| SSW | 1.1 | 2.0 | 2.4 | .7 | .1 | | | | | | | 6.3 | 6.8 |
| SW | .8 | 1.8 | 1.1 | .1 | | | | | | | | 3.7 | 5.6 |
| WSW | .7 | 1.8 | .3 | .3 | | | | | | | | 3.1 | 5.6 |
| W | 1.7 | 1.9 | 2.1 | .3 | | | | | | | | 5.9 | 6.0 |
| WNW | .4 | 1.7 | 2.3 | 1.3 | | | | | | | | 5.7 | 8.0 |
| NW | .1 | 2.0 | 3.2 | 2.4 | .7 | .1 | | | | | | 8.5 | 10.0 |
| NNW | 1.3 | 2.1 | 2.3 | 2.6 | .6 | | | | | | | 8.9 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.1 | |
| | 15.1 | 22.0 | 21.8 | 13.7 | 2.8 | .6 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7-192
STATION

BRUNSWICK NAS ME

STATION NAME

69-70, 73-80

YEARS

MAR

MONTH

ALL WEATHER

CLASS

0300-0500

TIME (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 3.1 | 2.8 | 2.2 | .3 | | | | | | | 11.0 | 7.4 |
| NNE | 2.4 | 4.0 | 1.7 | 1.0 | .2 | | | | | | | 9.3 | 5.9 |
| NE | 1.1 | 1.5 | .6 | .3 | .2 | .1 | | | | | | 3.9 | 6.5 |
| ENE | .1 | .7 | .3 | .2 | | | | | | | | 1.3 | 6.7 |
| E | .8 | .3 | .2 | .1 | | | | | | | | 1.4 | 4.6 |
| ESE | .1 | .1 | .1 | .2 | | | | | | | | .6 | 8.8 |
| SE | | .4 | .2 | .3 | .3 | | | | | | | 1.3 | 10.9 |
| SSE | .2 | .2 | .7 | .2 | .1 | | | | | | | 1.4 | 9.0 |
| S | 1.5 | 2.5 | 1.2 | 1.0 | .6 | | | | | | | 6.9 | 7.6 |
| SSW | .8 | 1.8 | 2.2 | 1.0 | .3 | | | | | | | 6.1 | 8.1 |
| SW | .9 | 1.1 | .4 | | | | | | | | | 2.3 | 4.8 |
| WSW | 1.0 | 1.9 | .6 | | | | | | | | | 3.4 | 4.7 |
| W | 1.5 | 2.5 | 1.0 | .6 | | | | | | | | 5.6 | 5.5 |
| WNW | .6 | 2.5 | 1.4 | 1.0 | .2 | | | | | | | 5.8 | 7.6 |
| NW | .6 | 1.8 | 2.5 | 1.3 | .4 | | | | | | | 6.6 | 8.7 |
| NNW | 1.4 | 1.7 | 2.9 | 2.2 | .2 | | | | | | | 8.4 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.7 | |
| | 15.5 | 26.2 | 18.8 | 11.7 | 3.0 | .1 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS

904

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74392 STATION BRUNSWICK NAS ME STATION NAME 69-70.73-80 YEARS MAP
0630-2800 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------|
| N | 2.6 | 4.6 | 2.9 | 1.6 | .2 | | | | | | | 11.8 | 6.6 |
| NNE | 1.8 | 3.7 | 1.7 | 1.2 | .4 | | | | | | | 8.8 | 6.9 |
| NE | 1.7 | 2.2 | .3 | .3 | | | | | | | | 3.9 | 5.3 |
| NNE | 1.7 | 1.7 | .6 | .4 | .1 | | | | | | | 3.1 | 6.6 |
| E | .3 | .7 | .4 | .2 | .2 | | | | | | | 1.9 | 7.8 |
| ESE | .1 | .6 | .1 | .2 | | | | | | | | 1.0 | 7.1 |
| SE | | .6 | .3 | .3 | .1 | | | | | | | 1.3 | 9.0 |
| SSE | .3 | .7 | .2 | .3 | | | | | | | | 1.6 | 6.9 |
| S | 1.7 | 1.2 | 1.8 | 1.7 | .2 | | | | | | | 7.2 | 7.4 |
| SSW | 1.1 | 1.3 | 1.2 | 1.7 | .3 | | | | | | | 5.7 | 8.6 |
| SW | .9 | 1.2 | 1.2 | .2 | | | | | | | | 3.6 | 6.0 |
| WSW | .9 | 1.6 | .3 | .1 | | | | | | | | 2.9 | 4.5 |
| W | 1.2 | 2.4 | 1.4 | .2 | | | | | | | | 5.3 | 5.8 |
| WNW | .6 | 1.6 | 1.7 | 1.6 | .1 | | | | | | | 5.4 | 8.5 |
| NW | .8 | 1.7 | 2.3 | 2.1 | .1 | | | | | | | 7.0 | 8.7 |
| NNW | 1.2 | 2.3 | 1.6 | 2.7 | .4 | .1 | | | | | | 8.3 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.3 | |
| | 15.4 | 27.9 | 18.1 | 14.9 | 2.3 | .1 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0900-1100
PERIOD (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 15 - 17 | 18 - 20 | 21 - 23 | 24 - 26 | 27 - 29 | 30 - 32 | 33 - 35 | 36 - 38 | 39 - 41 | 42 - 44 | 45 - 47 | 48 - 50 | 51 - 53 | 54 - 56 | 57 - 59 | 60 - 62 | 63 - 65 | 66 - 68 | 69 - 71 | 72 - 74 | 75 - 77 | 78 - 80 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-----------------------|
| N | 1.2 | 2.1 | 2.9 | 3.0 | .8 | .1 | | | | | | | | | | | | | | | | | | | | | 10.0 | 9.5 |
| NNE | 1.5 | 2.5 | 2.8 | 2.0 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | 9.1 | 8.0 |
| NE | 1.4 | 2.5 | 1.8 | .3 | | | | | | | | | | | | | | | | | | | | | | | 6.1 | 5.9 |
| ENE | .4 | 1.0 | 1.0 | .2 | | | | | | | | | | | | | | | | | | | | | | | 2.6 | 6.9 |
| E | .4 | .7 | .9 | .4 | | | | | | | | | | | | | | | | | | | | | | | 2.4 | 7.0 |
| ESE | .3 | .1 | .8 | .2 | | | | | | | | | | | | | | | | | | | | | | | 1.4 | 8.1 |
| SE | .3 | .3 | .7 | .2 | | | | | | | | | | | | | | | | | | | | | | | 1.5 | 7.6 |
| SSE | .6 | 1.1 | .9 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | 3.1 | 7.4 |
| S | 1.8 | 2.4 | 3.4 | 1.8 | .8 | .2 | | | | | | | | | | | | | | | | | | | | | 10.4 | 8.6 |
| SSW | .8 | 1.8 | 2.0 | 2.4 | .3 | | | | | | | | | | | | | | | | | | | | | | 7.3 | 9.2 |
| SW | .2 | .9 | 1.8 | .6 | | | | | | | | | | | | | | | | | | | | | | | 3.4 | 8.2 |
| WSW | .4 | .8 | .8 | .7 | .3 | | | | | | | | | | | | | | | | | | | | | | 3.0 | 6.7 |
| W | .9 | 1.4 | 1.4 | .6 | | | | | | | | | | | | | | | | | | | | | | | 4.3 | 6.8 |
| WNW | .3 | 1.7 | 2.4 | 2.2 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | 7.3 | 10.2 |
| NW | .3 | 1.2 | 3.0 | 5.3 | 1.3 | .1 | | | | | | | | | | | | | | | | | | | | | 11.2 | 11.8 |
| NNW | .9 | 1.8 | 2.8 | 3.4 | 1.8 | .3 | | | | | | | | | | | | | | | | | | | | | 10.9 | 11.1 |
| VARBL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.9 | |
| | 11.9 | 22.2 | 29.1 | 23.7 | 5.8 | 1.3 | | | | | | | | | | | | | | | | | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 908

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-592
STATION

FRUNSWICK NAS ME

STATION NAME

69-70, 73-80

YEARS

MAP
ELEVATION

ALL WEATHER

CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .3 | 1.8 | 3.4 | 2.3 | .9 | .1 | | | | | | 8.8 | 10.1 |
| NNE | .5 | 1.1 | 1.7 | 1.3 | .4 | .1 | | | | | | 5.4 | 9.5 |
| NE | .5 | 2.2 | 1.5 | .7 | | | | | | | | 4.9 | 6.8 |
| NNE | .3 | 1.3 | 1.2 | .7 | | | | | | | | 3.5 | 7.6 |
| E | | .5 | 1.3 | .7 | | | | | | | | 2.5 | 9.1 |
| ESE | | .4 | .8 | .2 | | | | | | | | 1.4 | 8.1 |
| SE | | .2 | .7 | .1 | | | | | | | | 1.0 | 8.1 |
| SSE | .3 | 1.2 | 1.3 | .8 | | | | | | | | 3.6 | 7.9 |
| S | 1.1 | 2.6 | 8.2 | 3.6 | 1.2 | .2 | | | | | | 17.0 | 9.5 |
| SSW | .7 | 1.3 | 2.7 | 1.6 | .8 | .1 | | | | | | 7.2 | 9.7 |
| SW | .2 | 1.1 | 1.3 | .9 | .1 | | | | | | | 3.6 | 8.7 |
| WSW | .2 | 1.3 | .8 | 1.0 | .2 | | | | | | | 3.2 | 9.2 |
| W | .2 | .9 | 1.4 | 1.5 | .5 | | | | | | | 4.8 | 11.0 |
| WNW | .4 | 1.1 | 2.4 | 2.7 | .8 | | | | | | | 7.5 | 11.1 |
| NW | .3 | 1.0 | 2.3 | 5.0 | 2.1 | .3 | | | | | | 11.1 | 12.9 |
| NNW | .3 | 1.4 | 3.8 | 3.7 | 2.0 | .2 | | | | | | 11.5 | 11.7 |
| VARB. | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.9 | |
| | 5.6 | 19.2 | 35.1 | 26.9 | 9.2 | 1.1 | | | | | | 100.0 | 9.8 |

TOTAL NUMBER OF OBSERVATIONS

911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

713020
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.G.V.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.8 | 2.9 | 2.4 | .9 | .2 | | | | | | 8.7 | 10.3 |
| NNE | .4 | 1.6 | 1.8 | 1.2 | | | | | | | | 5.0 | 8.2 |
| NE | .8 | 2.3 | 1.3 | .4 | | | | | | | | 4.9 | 6.3 |
| ENE | .2 | 1.4 | 1.1 | .4 | | | | | | | | 3.2 | 7.2 |
| E | .6 | 1.4 | 1.1 | .3 | .1 | | | | | | | 3.6 | 6.4 |
| ESE | .2 | 1.0 | .8 | .7 | | | | | | | | 2.7 | 7.8 |
| SE | .1 | .8 | .7 | | | | | | | | | 1.6 | 6.1 |
| SSE | .4 | 1.1 | 2.2 | .2 | | | | | | | | 4.0 | 6.9 |
| S | 1.3 | 4.7 | 8.2 | 3.4 | .7 | .1 | | | | | | 17.8 | 8.6 |
| SSW | .3 | 2.1 | 3.4 | 2.6 | .8 | | | | | | | 9.2 | 9.6 |
| SW | | .1 | .7 | .4 | | | | | | | | 1.2 | 10.0 |
| WSW | .1 | .6 | 1.0 | .3 | .2 | | | | | | | 2.2 | 8.7 |
| W | .2 | .4 | 1.1 | 1.8 | .8 | | | | | | | 4.3 | 11.6 |
| WNW | .3 | 1.1 | 3.0 | 3.2 | .8 | .1 | | | | | | 8.5 | 10.8 |
| NW | .1 | .4 | 3.7 | 6.8 | 1.4 | .3 | | | | | | 12.8 | 12.6 |
| NNW | .1 | .8 | 3.0 | 3.1 | .9 | .1 | | | | | | 6.0 | 11.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.4 | |
| | 5.8 | 21.0 | 36.0 | 27.4 | 6.5 | .9 | | | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

703920 STATION 69-70.73-80 MAR 1800-2000
BRUNSWICK NAS ME STATION NAME YEAR MONTH (LST.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.3 | 2.3 | 2.8 | 1.3 | .2 | | | | | | | 8.0 | 7.3 |
| NNE | .8 | 1.4 | 1.2 | .8 | | | | | | | | 4.2 | 7.1 |
| NE | .6 | .7 | .9 | .8 | | | | | | | | 2.9 | 8.3 |
| NNE | .3 | 1.4 | .6 | | .1 | | | | | | | 2.4 | 5.7 |
| E | 1.2 | .8 | .6 | .3 | | | | | | | | 2.9 | 5.8 |
| ESE | .4 | 1.0 | | .1 | | | | | | | | 1.6 | 4.4 |
| SE | 1.0 | 1.1 | .3 | | | | | | | | | 2.4 | 4.1 |
| SSE | 1.2 | 2.2 | 1.0 | .9 | | | | | | | | 5.3 | 6.2 |
| S | 2.5 | 6.1 | 4.0 | 1.6 | .4 | | | | | | | 14.6 | 6.6 |
| SSW | .8 | 1.9 | 3.8 | .7 | .3 | | | | | | | 7.4 | 7.4 |
| SW | .9 | .3 | 1.0 | .4 | .1 | | | | | | | 2.8 | 7.4 |
| WSW | .6 | .8 | .3 | .2 | | .1 | | | | | | 2.0 | 6.7 |
| W | .9 | 1.6 | .7 | .3 | | | | | | | | 3.4 | 5.8 |
| WNW | .3 | 2.1 | 2.9 | 1.8 | .2 | | | | | | | 7.3 | 8.8 |
| NW | .7 | 1.6 | 4.2 | 4.2 | 1.0 | .1 | .1 | | | | | 11.9 | 10.7 |
| NNW | .8 | 1.9 | 4.0 | 2.4 | .9 | .2 | | | | | | 10.2 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.6 | |
| | 14.3 | 27.2 | 28.2 | 15.9 | 3.3 | .8 | .1 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 902

1373

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-3920

BRUNSWICK NAS ME

69-70, 73-80

MAR

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

2100-2300

CLASS

WINDS (L.S.F.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.4 | 2.6 | 3.3 | 1.4 | .2 | | | | | | | 9.0 | 7.5 |
| NNE | 1.4 | 1.1 | 1.3 | .9 | .2 | | | | | | | 4.9 | 7.1 |
| NE | 1.4 | .9 | .7 | .3 | | | | | | | | 3.3 | 5.1 |
| ENE | .8 | .8 | 1.0 | .2 | .1 | | | | | | | 2.8 | 6.5 |
| E | 1.0 | .5 | .8 | | .1 | | | | | | | 2.4 | 5.5 |
| ESE | .1 | | .1 | | | | | | | | | .2 | 6.5 |
| SE | .9 | .5 | .3 | .2 | | | | | | | | 2.0 | 5.8 |
| SSE | 1.1 | .4 | .2 | .8 | .3 | | | | | | | 2.8 | 7.8 |
| S | 3.3 | 3.2 | 2.3 | 1.8 | .3 | | | | | | | 10.8 | 6.7 |
| SSW | 1.0 | 1.8 | 2.7 | .9 | | | | | | | | 6.3 | 7.0 |
| SW | 1.8 | 1.0 | .8 | .3 | | | | | | | | 3.8 | 5.0 |
| WSW | 1.0 | .7 | .8 | .4 | .1 | | | | | | | 3.0 | 6.8 |
| W | .9 | 1.8 | 1.0 | .3 | .2 | | | | | | | 4.2 | 6.5 |
| WNW | .9 | 1.6 | 3.8 | 2.2 | .4 | | | | | | | 9.0 | 9.1 |
| NW | .4 | 1.2 | 3.4 | 2.5 | .5 | .1 | | | | | | 8.2 | 10.1 |
| NNW | 1.1 | 2.7 | 2.6 | 1.9 | .9 | | | | | | | 9.2 | 8.8 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.1 | |
| | 18.4 | 20.8 | 25.1 | 14.1 | 3.5 | .1 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS

915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 1977 STATION BRUNSWICK NAS ME STATION NAME 69-70,73-80 YEARS MAR MONTHS
ALL WEATHER CLASS ALL HOURS (L.B.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.5 | 2.6 | 2.8 | 2.0 | .5 | .1 | | | | | | 9.4 | 3.2 |
| NNE | 1.3 | 2.1 | 1.7 | 1.2 | .2 | .0 | | | | | | 6.6 | 7.4 |
| NE | 1.0 | 1.7 | .9 | .4 | .0 | .0 | | | | | | 4.1 | 6.4 |
| NNE | .5 | 1.0 | .8 | .3 | .2 | | | | | | | 2.7 | 6.7 |
| E | .6 | .7 | .7 | .3 | .1 | | | | | | | 2.4 | 6.6 |
| ESE | .2 | .4 | .4 | .2 | | | | | | | | 1.2 | 7.2 |
| SE | .3 | .5 | .4 | .2 | .1 | | | | | | | 1.5 | 6.9 |
| SSE | .6 | .9 | .9 | .5 | .1 | .0 | | | | | | 3.0 | 7.4 |
| S | 2.1 | 3.1 | 3.9 | 2.0 | .6 | .1 | | | | | | 11.6 | 8.0 |
| SSW | .8 | 1.7 | 2.6 | 1.4 | .9 | .0 | | | | | | 6.9 | 8.4 |
| SW | .7 | .9 | 1.0 | .4 | .0 | | | | | | | 3.1 | 6.7 |
| WSW | .6 | 1.1 | .6 | .4 | .1 | .0 | | | | | | 2.8 | 6.8 |
| W | .9 | 1.6 | 1.3 | .7 | .2 | | | | | | | 4.7 | 7.3 |
| WNW | .5 | 1.7 | 2.5 | 2.0 | .4 | .1 | | | | | | 7.1 | 9.4 |
| NW | .4 | 1.4 | 3.1 | 3.7 | 1.0 | .1 | .0 | | | | | 9.7 | 11.0 |
| NNW | .9 | 1.8 | 2.9 | 2.8 | 1.2 | .1 | | | | | | 9.4 | 10.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.8 | |
| | 12.7 | 23.3 | 26.5 | 18.5 | 8.6 | .6 | .0 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 7249

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7722
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.4 | 2.9 | 2.8 | 1.1 | | | | | | | | 10.3 | 6.0 |
| NNE | 1.8 | 1.9 | 1.1 | 1.5 | | | | | | | | 6.3 | 6.7 |
| NE | 1.7 | .5 | .8 | .2 | | | | | | | | 3.2 | 5.0 |
| ENE | 1.0 | .9 | .9 | .6 | | | | | | | | 3.4 | 7.0 |
| E | .7 | 1.0 | .2 | .3 | | | | | | | | 2.3 | 5.4 |
| ESE | .6 | .2 | .5 | | | | | | | | | 1.2 | 4.7 |
| SE | .6 | .5 | .2 | .1 | | | | | | | | 1.4 | 5.1 |
| SSE | .5 | .7 | .3 | .1 | .2 | | | | | | | 1.8 | 7.1 |
| S | 2.0 | 3.4 | 2.4 | 1.7 | .2 | | | | | | | 9.7 | 6.8 |
| SSW | .8 | 1.1 | 1.1 | | | | | | | | | 3.0 | 5.6 |
| SW | 1.4 | 1.5 | .6 | .1 | | | | | | | | 3.5 | 4.4 |
| WSW | 1.1 | 1.7 | .7 | .2 | | | | | | | | 3.7 | 5.1 |
| W | 2.0 | 2.6 | 1.4 | .2 | .1 | | | | | | | 6.3 | 5.3 |
| WNW | .9 | 2.0 | 1.2 | .6 | | | | | | | | 4.7 | 6.2 |
| NW | 1.4 | 1.9 | .9 | .8 | .2 | | | | | | | 5.2 | 6.6 |
| NNW | 2.0 | 2.0 | 3.2 | .9 | | | | | | | | 8.1 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.9 | |
| | 21.8 | 24.8 | 18.3 | 8.5 | .8 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS

687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7-1992 STATION BRUNSWICK NAS ME STATION NAME 69-70.73-AD YEARS APP 3-3-57
STATION NAME CLAS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 4.4 | 3.1 | 1.3 | | | | | | | | 10.6 | 6.5 |
| NNE | 1.1 | 1.9 | .9 | .7 | .1 | | | | | | | 4.7 | 6.5 |
| NE | .7 | 1.0 | 1.1 | .1 | | | | | | | | 2.9 | 6.5 |
| ENE | .8 | .6 | 1.1 | .2 | .3 | | | | | | | 3.0 | 7.6 |
| E | 1.0 | .6 | .4 | | | | | | | | | 2.0 | 4.4 |
| ESE | .2 | .4 | .3 | .1 | | | | | | | | 1.1 | 6.4 |
| SE | .6 | .4 | .1 | .1 | | | | | | | | 1.2 | 4.6 |
| SSE | .7 | 2.1 | .9 | .3 | .1 | | | | | | | 4.2 | 6.1 |
| S | 1.9 | 2.8 | 1.9 | 1.1 | | | | | | | | 7.8 | 6.2 |
| SSW | 1.2 | .9 | .4 | .4 | | | | | | | | 3.0 | 5.5 |
| SW | .7 | 1.2 | .6 | .2 | .1 | | | | | | | 2.8 | 6.2 |
| WSW | .8 | 1.1 | .1 | .1 | | | | | | | | 2.1 | 4.5 |
| W | 2.7 | 3.0 | .8 | .6 | | | | | | | | 7.1 | 4.7 |
| WNW | 1.0 | 2.4 | 1.6 | .7 | .1 | | | | | | | 5.7 | 6.4 |
| NW | .9 | 2.2 | 1.7 | .4 | .1 | | | | | | | 5.4 | 6.6 |
| NNW | 2.6 | 2.8 | 1.8 | .8 | | | | | | | | 8.0 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.2 | |
| | 18.6 | 28.0 | 17.0 | 7.3 | .9 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 889

1375

U.S. NAVAL CLIMATOLOGY BRANCH
 USAFETAC
 U.S. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 1962 STATION BRUNSWICK NAS ME 69-70, 73-80 YEARS APP MONTH 1600-1800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 3.1 | 4.1 | 4.9 | 2.3 | | | | | | | | 14.3 | 6.9 |
| NNE | 1.9 | 3.8 | 1.8 | .7 | | | | | | | | 8.2 | 5.7 |
| NE | 1.3 | 2.2 | 1.3 | .1 | .1 | | | | | | | 4.9 | 5.7 |
| ENE | .9 | 1.1 | .7 | .1 | .1 | .2 | | | | | | 3.1 | 7.4 |
| E | .6 | .6 | .3 | .2 | .1 | | | | | | | 1.8 | 5.7 |
| ESE | .7 | .5 | .7 | | | | | | | | | 1.3 | 5.2 |
| SE | .5 | .7 | .9 | .1 | | | | | | | | 2.2 | 6.2 |
| SSE | 1.4 | 1.3 | .5 | .2 | .1 | | | | | | | 3.4 | 5.2 |
| S | 1.0 | 3.3 | 1.7 | 1.8 | .1 | | | | | | | 3.0 | 7.6 |
| SSW | .7 | .6 | 1.1 | .3 | | | | | | | | 2.7 | 6.9 |
| SW | .2 | 1.1 | .6 | .1 | | | | | | | | 2.1 | 5.8 |
| WSW | .7 | 1.7 | .6 | .5 | .1 | | | | | | | 3.5 | 6.5 |
| W | 1.0 | 1.4 | 1.0 | .5 | | | .1 | | | | | 4.0 | 6.8 |
| WNW | .3 | 1.4 | 2.7 | 1.9 | .5 | | | | | | | 6.8 | 9.7 |
| NW | .7 | 1.8 | 2.4 | 2.2 | .2 | | | | | | | 7.3 | 9.1 |
| NNW | 1.3 | 2.3 | 3.2 | 2.2 | .1 | | | | | | | 9.0 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.0 | |
| | 16.2 | 27.5 | 24.3 | 13.2 | 1.5 | .2 | .1 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 879

USAFETAC
 AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION BRUNSWICK NAS MF STATION NAME BRUNSWICK NAS MF YEARS 60-70, 73-80 APC 0000
 CLASS ALL WEATHER MONTHS 0000-1100
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 3.3 | 5.3 | 3.2 | | | | | | | | 12.0 | 8.6 |
| NNE | .5 | 3.0 | 2.9 | 1.2 | | | | | | | | 3.2 | 7.0 |
| NE | .5 | 1.8 | 1.5 | .6 | .2 | | | | | | | 4.5 | 7.0 |
| ENE | .3 | 1.7 | .7 | .6 | .1 | .1 | | | | | | 2.0 | 8.3 |
| E | .5 | 1.2 | .6 | .1 | .1 | | | | | | | 2.5 | 6.7 |
| ESE | 1.0 | 1.5 | 1.2 | .7 | | | | | | | | 4.4 | 6.0 |
| SE | .2 | .7 | .6 | .6 | | | | | | | | 2.0 | 7.3 |
| SSE | .0 | 1.0 | 2.3 | .5 | .3 | | | | | | | 3.5 | 8.3 |
| S | .2 | 3.0 | 4.7 | 3.6 | .1 | | | | | | | 12.4 | 8.7 |
| SSW | .2 | 1.7 | 2.0 | .8 | | | | | | | | 4.7 | 7.7 |
| SW | .1 | 1.1 | .8 | .6 | | | | | | | | 2.7 | 7.1 |
| WSW | .6 | .6 | .3 | .2 | .2 | .2 | | | | | | 2.1 | 9.1 |
| W | .0 | 1.2 | 1.5 | 1.8 | .7 | .1 | | | | | | 5.9 | 10.3 |
| WNW | .2 | .5 | 2.6 | 2.1 | .6 | .2 | | | | | | 6.3 | 11.2 |
| NW | .1 | .0 | 3.4 | 3.4 | 1.1 | .1 | | | | | | 8.9 | 11.5 |
| NNW | .2 | 1.9 | 3.8 | 4.5 | .6 | .1 | | | | | | 11.0 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 7.4 | 25.5 | 34.2 | 24.7 | 4.1 | .9 | | | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 887

1316

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS ME STATION NAME BRUNSWICK NAS ME YEARS 69-70, 73-80 MONTHS APR
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | 1.3 | 4.1 | 3.6 | .2 | | | | | | | 9.8 | 9.8 |
| NNE | .6 | 1.1 | 1.7 | 1.4 | .1 | | | | | | | 4.9 | 5.3 |
| NE | .2 | 1.6 | 1.0 | .9 | | | | | | | | 3.6 | 7.5 |
| ENE | | 1.3 | 1.3 | .5 | .1 | | | | | | | 3.1 | 6.3 |
| E | .4 | 1.3 | .7 | .6 | | | | | | | | 3.2 | 7.3 |
| ESE | .2 | .9 | 1.4 | .6 | | | | | | | | 3.1 | 7.7 |
| SE | .2 | 1.2 | 1.3 | .7 | | | | | | | | 3.2 | 8.0 |
| SSE | | .5 | 4.2 | 1.8 | .5 | | | | | | | 7.1 | 10.1 |
| S | .3 | 1.7 | 8.7 | 6.3 | .6 | | | | | | | 17.6 | 10.3 |
| SSW | | 1.0 | 4.2 | 2.7 | .2 | | | | | | | 6.2 | 10.2 |
| SW | | .5 | .7 | .2 | .1 | | | | | | | 1.3 | 9.2 |
| WSW | | .5 | .5 | .8 | .3 | .2 | | | | | | 2.3 | 12.3 |
| W | .2 | .3 | 1.3 | 1.9 | .6 | .5 | .1 | | | | | 4.9 | 13.1 |
| WNW | | .3 | 1.8 | 4.0 | 1.1 | .3 | | | | | | 7.6 | 13.0 |
| NW | | 1.3 | 2.1 | 5.1 | .8 | .3 | | | | | | 9.6 | 12.4 |
| NNW | | 1.6 | 3.9 | 3.5 | .8 | .1 | | | | | | 9.9 | 10.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .5 | |
| | 2.0 | 16.2 | 39.7 | 34.7 | 5.5 | 1.5 | .1 | | | | | 100.0 | 10.3 |

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS ME STATION NAME BRUNSWICK NAS ME YEARS 69-70, 73-80 APP 60076
CLASS ALL WEATHER 1500-1700
CONDITION NOON (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 1.6 | 2.4 | 3.8 | .2 | | | | | | | 3.3 | 10.1 |
| NNE | .6 | 1.4 | 3.0 | 1.2 | | | | | | | | 6.2 | 8.5 |
| NE | .1 | 1.0 | 2.6 | .5 | | | | | | | | 4.5 | 7.9 |
| ENE | .5 | .8 | 1.0 | .2 | .5 | | | | | | | 2.7 | 6.8 |
| E | .2 | 1.2 | .7 | .6 | .2 | | | | | | | 2.9 | 7.9 |
| ESE | .1 | .9 | 2.0 | .1 | .1 | | | | | | | 3.3 | 7.8 |
| SE | .1 | 1.4 | 1.4 | .2 | | | | | | | | 3.0 | 7.0 |
| SSE | .1 | 1.5 | 2.7 | 1.6 | .1 | | | | | | | 6.0 | 9.2 |
| S | .3 | 2.3 | 9.3 | 6.4 | .3 | | | | | | | 18.7 | 9.8 |
| SSW | .1 | 2.1 | 5.3 | 2.8 | .3 | | | | | | | 10.7 | 9.4 |
| SW | .5 | .9 | 1.1 | 1.0 | | | | | | | | 3.5 | 8.1 |
| WSW | .1 | | .6 | .3 | .1 | .1 | | | | | | 1.2 | 11.6 |
| W | .1 | .5 | .9 | 1.8 | .9 | .2 | .1 | | | | | 4.5 | 13.6 |
| WNW | .1 | .5 | 1.1 | 2.9 | .8 | .7 | | | | | | 6.1 | 13.7 |
| NW | .1 | .6 | 2.4 | 4.3 | 1.0 | .3 | | | | | | 8.7 | 12.7 |
| NNW | .2 | .5 | 2.1 | 4.3 | 1.7 | .2 | | | | | | 9.2 | 12.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 3.6 | 17.0 | 38.6 | 32.1 | 6.3 | 1.6 | .1 | | | | | 100.0 | 10.2 |

TOTAL NUMBER OF OBSERVATIONS 688

137

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74292
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

APP
MONTH

ALL WEATHER
CLASS

1900-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 4.1 | 3.0 | 2.3 | .2 | | | | | | | 10.3 | 8.0 |
| NNE | .5 | 2.2 | 1.4 | .8 | .1 | | | | | | | 5.0 | 7.4 |
| NE | .6 | .8 | .9 | .7 | | | | | | | | 3.0 | 7.3 |
| ENE | .5 | 1.1 | .7 | .7 | | | | | | | | 3.0 | 7.5 |
| E | .8 | 1.9 | .2 | .1 | .1 | .1 | | | | | | 3.4 | 6.6 |
| ESE | 1.1 | 1.5 | .6 | .1 | | | | | | | | 3.3 | 4.9 |
| SE | .5 | 1.4 | .7 | .1 | | | | | | | | 2.6 | 5.7 |
| SSE | .9 | 3.0 | .7 | .9 | .2 | | | | | | | 5.7 | 6.8 |
| S | 1.4 | 6.7 | 7.3 | 2.4 | .5 | | | | | | | 18.2 | 7.6 |
| SSW | 1.7 | 2.7 | 2.2 | .6 | .2 | | | | | | | 7.4 | 6.3 |
| SW | .5 | 1.9 | .7 | .2 | | | | | | | | 3.3 | 5.7 |
| WSW | .3 | .5 | .3 | .2 | | | | | | | | 1.4 | 6.5 |
| W | .5 | .9 | .6 | 1.2 | .1 | | | | | | | 3.3 | 8.7 |
| WNW | .5 | 1.5 | 1.2 | 1.4 | .3 | .1 | | | | | | 5.0 | 9.2 |
| NW | .3 | 1.8 | 3.2 | 2.7 | .7 | | | | | | | 8.7 | 9.7 |
| NNW | 1.0 | 1.2 | 4.4 | 2.7 | .5 | | | | | | | 9.9 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 11.6 | 33.1 | 27.9 | 17.1 | 3.0 | .2 | .1 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS

681

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

713020 STATION BRUNSWICK NAS ME STATION NAME 69-70,73-80 YEARS APR MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 3.7 | 2.5 | 1.2 | | | | | | | | 9.7 | 6.4 |
| NNE | 1.9 | 1.7 | 1.0 | .8 | | | | | | | | 5.4 | 5.6 |
| NE | 1.1 | .8 | .9 | .6 | | | | | | | | 3.4 | 6.4 |
| ENE | 2.1 | 1.1 | .7 | .6 | .1 | | | | | | | 4.6 | 5.6 |
| E | 1.1 | .7 | .2 | .1 | | | | | | | | 2.1 | 4.1 |
| ESE | .9 | .9 | .7 | | | | | | | | | 2.5 | 4.5 |
| SE | .7 | .5 | .2 | | | | | | | | | 1.4 | 3.8 |
| SSE | 1.0 | 1.4 | .9 | .5 | .1 | | | | | | | 3.8 | 6.4 |
| S | 2.0 | 3.3 | 3.3 | 1.4 | .8 | | | | | | | 10.7 | 7.7 |
| SSW | .7 | 1.7 | .9 | .5 | | .1 | | | | | | 3.8 | 6.7 |
| SW | .5 | 1.4 | .5 | | .1 | | | | | | | 2.4 | 5.5 |
| WSW | 1.6 | .8 | .1 | .2 | | | | | | | | 2.7 | 4.1 |
| W | 1.5 | 1.8 | 1.2 | .8 | | | | | | | | 5.3 | 6.3 |
| WNW | 1.0 | 1.2 | 1.7 | .8 | .1 | | | | | | | 5.5 | 7.0 |
| NW | .9 | 3.3 | 2.6 | .7 | | | | | | | | 7.4 | 6.5 |
| NNW | 1.7 | 2.4 | 3.5 | 1.7 | | | | | | | | 9.2 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 70.0 | |
| | 20.9 | 27.1 | 20.8 | 9.7 | 1.2 | .1 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74392 BRUNSWICK NAS ME 69-70,73-80 APR
STATION STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 3.2 | 3.5 | 2.4 | .1 | | | | | | | 10.7 | 7.7 |
| NNE | 1.1 | 2.2 | 1.7 | 1.0 | .0 | | | | | | | 6.1 | 7.0 |
| NE | .8 | 1.2 | 1.3 | .5 | .0 | | | | | | | 3.8 | 6.7 |
| ENE | .8 | .9 | .9 | .4 | .2 | .0 | | | | | | 3.2 | 7.4 |
| E | .7 | 1.1 | .4 | .3 | .1 | .0 | .0 | | | | | 2.5 | 6.2 |
| ESE | .6 | .8 | .9 | .2 | .0 | | | | | | | 2.6 | 6.2 |
| SE | .4 | .8 | .7 | .2 | | | | | | | | 2.1 | 6.3 |
| SSE | .6 | 1.5 | 1.6 | .8 | .2 | | | | | | | 4.7 | 7.8 |
| S | 1.2 | 3.3 | 4.9 | 3.1 | .3 | | | | | | | 12.9 | 8.4 |
| SSW | .7 | 1.5 | 2.2 | 1.0 | .1 | .0 | | | | | | 5.5 | 7.9 |
| SW | .5 | 1.2 | .7 | .3 | .0 | | | | | | | 2.7 | 6.3 |
| WSW | .7 | .8 | .4 | .3 | .1 | .1 | | | | | | 2.4 | 7.0 |
| W | 1.1 | 1.5 | 1.1 | 1.1 | .3 | .1 | .0 | | | | | 5.2 | 8.3 |
| WNW | .5 | 1.3 | 1.8 | 1.8 | .4 | .2 | | | | | | 6.0 | 9.8 |
| NW | .6 | 1.7 | 2.3 | 2.4 | .5 | .1 | | | | | | 7.6 | 9.8 |
| NNW | 1.1 | 1.8 | 3.2 | 2.6 | .5 | .1 | | | | | | 9.3 | 8.9 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.8 | |
| | 12.9 | 24.9 | 27.5 | 18.4 | 2.9 | .6 | .1 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 7076

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

71792 STATION BRUNSWICK NAS ME STATION NAME 69-70.73-60 YEARS MAY MONTH
ALL WEATHER CLASS 2000-0200 HOUR (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 2.7 | 3.3 | 2.1 | .4 | | | | | | | | 8.5 | 5.3 |
| NNE | 2.1 | 1.1 | .7 | .7 | .1 | | | | | | | 4.6 | 5.8 |
| NE | 2.0 | 1.3 | .2 | .1 | | | | | | | | 3.6 | 3.6 |
| NNE | 1.2 | 1.1 | | | | | | | | | | 2.3 | 3.5 |
| E | 1.5 | 1.6 | | | | | | | | | | 3.2 | 3.7 |
| ESE | .8 | .7 | .1 | | | | | | | | | 1.5 | 3.8 |
| SE | .3 | .3 | .2 | | | | | | | | | .9 | 4.8 |
| SSE | 1.5 | 1.4 | 1.1 | .1 | .1 | | | | | | | 4.3 | 5.3 |
| S | 2.8 | 5.6 | 3.5 | 2.6 | .1 | .1 | | | | | | 14.7 | 6.8 |
| SSW | 1.4 | 2.4 | 1.7 | .8 | | | | | | | | 6.3 | 6.3 |
| SW | 1.1 | 1.3 | 1.1 | .2 | | | | | | | | 3.7 | 5.4 |
| WSW | 1.1 | 2.4 | .5 | | | | | | | | | 4.0 | 4.6 |
| W | 1.5 | 1.4 | .3 | | | | | | | | | 3.3 | 3.8 |
| WW | 1.1 | 1.3 | .7 | .1 | | | | | | | | 3.4 | 4.8 |
| NW | 1.9 | 1.5 | .2 | .1 | .1 | | | | | | | 3.6 | 4.1 |
| NNW | 1.7 | 1.1 | .9 | .3 | | | | | | | | 4.3 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.6 | |
| | 25.0 | 28.1 | 13.3 | 5.5 | .8 | .1 | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-3920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.3 | 3.0 | 1.5 | .1 | | | | | | | | 7.9 | 4.6 |
| NNE | 2.2 | 1.5 | 1.4 | .6 | .2 | | | | | | | 5.9 | 6.0 |
| NE | 1.4 | 1.4 | 1.0 | .2 | | | | | | | | 4.1 | 5.5 |
| ENE | .9 | 1.1 | .3 | | | | | | | | | 2.3 | 4.4 |
| E | .6 | 1.8 | .2 | | | | | | | | | 2.5 | 4.6 |
| ESE | .7 | .7 | | | | | | | | | | 1.3 | 3.2 |
| SE | .6 | .3 | .2 | .1 | | | | | | | | 1.2 | 5.0 |
| SSE | .8 | 1.1 | 1.0 | .4 | | | | | | | | 3.3 | 6.2 |
| S | 2.6 | 4.2 | 4.0 | 1.8 | .3 | | | | | | | 12.9 | 7.0 |
| SSW | 1.3 | 2.4 | 1.5 | .4 | | | | | | | | 5.7 | 5.9 |
| SW | .6 | 1.2 | .9 | | | | | | | | | 2.6 | 5.5 |
| WSW | 1.0 | .9 | .4 | | | | | | | | | 2.3 | 4.4 |
| W | 1.9 | 1.1 | .1 | .1 | | | | | | | | 3.2 | 3.7 |
| WNW | 1.3 | 1.9 | .4 | .4 | | | | | | | | 4.1 | 5.1 |
| NW | 1.1 | 1.0 | 1.1 | .3 | | | | | | | | 3.5 | 6.0 |
| NNW | 2.0 | 2.4 | 1.2 | | | | | | | | | 5.6 | 4.7 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.5 | |
| | 22.1 | 26.0 | 15.4 | 4.5 | .6 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS

909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70.73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 4.0 | 2.4 | 1.2 | .1 | | | | | | | 10.1 | 6.1 |
| NNE | 2.0 | 3.0 | 2.1 | 1.0 | .1 | | | | | | | 8.1 | 6.2 |
| NE | 1.2 | 1.7 | 1.7 | .2 | | | | | | | | 4.7 | 5.9 |
| ENE | 1.0 | 1.3 | 1.0 | .2 | | | | | | | | 3.5 | 5.7 |
| E | 1.4 | 2.8 | .6 | .2 | | | | | | | | 5.0 | 4.8 |
| ESE | 1.0 | .9 | .3 | | | | | | | | | 2.2 | 4.4 |
| SE | .5 | .6 | .2 | | | | | | | | | 1.3 | 4.3 |
| SSE | .3 | 1.1 | .9 | .2 | .1 | | | | | | | 2.6 | 6.9 |
| S | 2.1 | 3.4 | 4.7 | 1.8 | .3 | | | | | | | 12.2 | 7.4 |
| SSW | 1.0 | 1.9 | 3.2 | 1.8 | .1 | | | | | | | 7.9 | 8.1 |
| SW | .3 | 1.2 | .6 | .3 | | | | | | | | 2.4 | 6.3 |
| WSW | .6 | 1.5 | .8 | .2 | | | | | | | | 3.1 | 6.1 |
| W | 1.3 | 1.1 | 1.8 | .1 | | | | | | | | 4.3 | 5.9 |
| WNW | .1 | 1.1 | 1.8 | 1.1 | | | | | | | | 4.1 | 8.7 |
| NW | .8 | 1.7 | 2.6 | 1.5 | .2 | | | | | | | 6.8 | 8.3 |
| NNW | 1.0 | 1.9 | 2.6 | 1.1 | .1 | | | | | | | 6.7 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.8 | |
| | 17.0 | 29.0 | 27.2 | 11.0 | 1.1 | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS

908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

71292
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.7 | 1.8 | 1.3 | .5 | | | | | | | 5.7 | 8.7 |
| NNE | 1.2 | 1.3 | 2.1 | 1.3 | | | | | | | | 5.9 | 7.4 |
| NE | .8 | 2.5 | 1.8 | .7 | | | | | | | | 5.7 | 6.3 |
| NNE | .7 | 2.7 | .8 | .5 | | | | | | | | 3.9 | 6.3 |
| E | 1.3 | 2.7 | 1.5 | .1 | | | | | | | | 4.9 | 5.5 |
| ESE | .8 | 1.8 | .3 | .3 | | | | | | | | 3.2 | 5.4 |
| SE | .7 | 2.5 | 1.4 | .2 | | | | | | | | 4.8 | 5.8 |
| SSE | 1.1 | 2.4 | 2.4 | 1.2 | .1 | | | | | | | 7.2 | 7.3 |
| S | 1.2 | 4.3 | 9.1 | 5.7 | .4 | | | | | | | 20.7 | 8.8 |
| SSW | .8 | 1.8 | 2.7 | 1.8 | | | | | | | | 7.0 | 8.3 |
| SW | .2 | .5 | 1.0 | .4 | | | | | | | | 2.2 | 7.8 |
| WSW | .5 | .5 | 1.0 | .4 | | | | | | | | 2.5 | 7.1 |
| W | .4 | .2 | 1.1 | 1.3 | .1 | | | | | | | 3.2 | 9.7 |
| WNW | .5 | 1.0 | 1.8 | 2.1 | .3 | | | | | | | 5.7 | 10.1 |
| NW | .2 | .7 | 2.8 | 3.3 | .2 | | | | | | | 7.2 | 10.5 |
| NNW | .4 | 1.1 | 2.8 | 2.5 | .4 | | | | | | | 7.3 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 11.9 | 25.5 | 34.4 | 23.2 | 2.2 | | | | | | | 107.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS

913

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-1928 STATION BRUNSWICK NAS ME STATION NAME 69-70.73-80 YEARS MAY MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | .8 | 2.2 | 2.0 | | | | | | | | 5.3 | 9.7 |
| NNE | .2 | .6 | 1.3 | .3 | .1 | | | | | | | 2.5 | 8.2 |
| NE | .3 | 1.1 | 1.2 | .7 | | | | | | | | 3.3 | 7.7 |
| NNE | .6 | 1.2 | 1.0 | .2 | | | | | | | | 3.3 | 6.4 |
| E | .6 | 2.0 | .9 | .1 | | | | | | | | 3.5 | 6.0 |
| ESE | .6 | 2.0 | 1.3 | .4 | | | | | | | | 4.3 | 6.6 |
| SE | .6 | 1.2 | 2.1 | .2 | .2 | | | | | | | 4.3 | 7.3 |
| SSE | .2 | 2.7 | 2.1 | 1.8 | .2 | | | | | | | 6.4 | 9.1 |
| S | .2 | 3.9 | 14.1 | 12.3 | 1.8 | .1 | | | | | | 32.3 | 10.6 |
| SSW | .3 | .9 | 2.2 | 4.0 | .4 | .2 | | | | | | 8.0 | 11.0 |
| SW | .1 | 1.2 | .9 | .7 | | | | | | | | 2.9 | 8.1 |
| WSW | | .7 | 1.0 | .7 | | .1 | | | | | | 2.4 | 9.9 |
| W | | 1.0 | .9 | 1.2 | .2 | | | | | | | 3.3 | 9.8 |
| WNW | | .2 | 1.4 | 3.0 | .4 | .2 | | | | | | 5.9 | 11.9 |
| NW | .2 | .3 | 2.2 | 3.3 | 1.0 | | | | | | | 7.0 | 12.3 |
| NNW | .2 | .7 | 1.2 | 1.9 | .4 | | | | | | | 4.4 | 11.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 4.5 | 20.2 | 36.0 | 32.7 | 8.8 | .7 | | | | | | 100.0 | 9.7 |

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 702
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .1 | .4 | 2.0 | 1.6 | .1 | | | | | | | 4.3 | 10.1 |
| NNE | | .7 | .8 | .3 | | | | | | | | 1.7 | 7.8 |
| NE | .3 | .8 | 1.0 | .2 | | | | | | | | 2.3 | 6.5 |
| ENE | .2 | 1.1 | 1.1 | .1 | .1 | | | | | | | 2.6 | 6.9 |
| E | .5 | 1.6 | 1.0 | .2 | | | | | | | | 3.4 | 6.1 |
| ESE | .9 | 2.4 | 1.3 | .3 | | | | | | | | 4.9 | 6.0 |
| SE | .1 | 1.9 | 1.9 | .3 | | | | | | | | 4.2 | 7.2 |
| SSE | 1.1 | 2.6 | 3.6 | 1.6 | .1 | | | | | | | 9.1 | 7.6 |
| S | .8 | 2.6 | 13.7 | 12.0 | 2.0 | .4 | | | | | | 31.5 | 10.8 |
| SSW | .2 | 1.5 | 4.8 | 4.6 | .7 | | | | | | | 11.9 | 10.6 |
| SW | | .4 | 1.2 | .1 | .1 | | | | | | | 1.9 | 9.0 |
| WSW | | .5 | .4 | .4 | .1 | | | | | | | 1.5 | 9.1 |
| W | .1 | .4 | .8 | 1.4 | .1 | | | | | | | 2.8 | 11.0 |
| WNW | .1 | .2 | 1.4 | 1.6 | .3 | | | | | | | 3.7 | 11.4 |
| NW | | .7 | 1.5 | 4.0 | .5 | .2 | | | | | | 7.0 | 12.6 |
| NNW | | .5 | 2.3 | 2.2 | .4 | .1 | .1 | | | | | 5.7 | 12.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 4.5 | 18.6 | 38.7 | 31.3 | 4.6 | .8 | .1 | | | | | 100.0 | 9.7 |

TOTAL NUMBER OF OBSERVATIONS 915

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS ME STATION NAME 69-70.73-B YEARS MAY
MONTH 1800-2000
DATE (L.S.T.)
ALL WEATHER
CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.1 | 1.9 | .8 | | | | | | | | 4.7 | 7.1 |
| NNE | .3 | 1.1 | .5 | .3 | | | | | | | | 2.3 | 5.5 |
| NE | .8 | .7 | .9 | .5 | | | | | | | | 2.8 | 6.7 |
| ENE | .9 | 1.1 | .9 | | | | | | | | | 2.8 | 5.1 |
| E | 1.5 | 1.9 | .7 | | | | | | | | | 4.0 | 4.4 |
| ESE | 1.5 | 2.2 | .5 | .1 | | | | | | | | 4.4 | 4.6 |
| SE | .5 | 2.1 | .9 | .3 | | | | | | | | 3.8 | 5.0 |
| SSE | 1.4 | 3.7 | 1.9 | .3 | | | | | | | | 7.3 | 5.6 |
| S | 1.7 | 8.4 | 10.4 | 5.7 | .4 | | | | | | | 26.7 | 8.2 |
| SSW | 1.1 | 3.0 | 3.7 | 3.5 | .4 | .1 | | | | | | 11.9 | 8.9 |
| SW | 1.7 | 1.6 | 1.1 | .2 | | | | | | | | 3.9 | 5.7 |
| WSW | 1.0 | .8 | .7 | .2 | | | | | | | | 2.9 | 5.2 |
| W | .8 | 1.1 | .7 | .1 | | | | | | | | 2.6 | 5.1 |
| WNW | .4 | .4 | 1.0 | .7 | .1 | | | | | | | 2.6 | 8.3 |
| NW | .3 | 1.6 | 2.2 | 2.0 | | .1 | | | | | | 6.2 | 9.4 |
| NNW | .4 | 1.4 | 2.2 | .9 | .2 | .1 | | | | | | 5.2 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 14.8 | 32.1 | 29.9 | 15.6 | 1.7 | .3 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS ME STATION NAME 69-70,73-80 YEARS MAY
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 2.6 | 1.2 | .2 | | | | | | | | 5.6 | 5.2 |
| NNE | 1.1 | .7 | 1.9 | .5 | | | | | | | | 4.2 | 6.8 |
| NE | 1.1 | 1.7 | .5 | .2 | .1 | | | | | | | 2.8 | 5.3 |
| ENE | .7 | 1.5 | .4 | | | | | | | | | 2.5 | 4.7 |
| E | 1.4 | 1.9 | .5 | | | | | | | | | 3.8 | 4.7 |
| ESE | 1.4 | 1.7 | .1 | | | | | | | | | 2.5 | 3.7 |
| SE | .5 | 1.3 | .2 | | | | | | | | | 2.1 | 4.6 |
| SSE | 1.7 | 1.9 | .2 | .2 | | | | | | | | 4.0 | 4.6 |
| S | 4.4 | 8.1 | 6.3 | 2.8 | .2 | | | | | | | 71.9 | 6.5 |
| SSW | 2.5 | 3.7 | 2.6 | 2.1 | .2 | | | | | | | 10.4 | 7.1 |
| SW | 1.7 | 1.6 | .5 | | .1 | | | | | | | 3.3 | 4.9 |
| WSW | 1.7 | 1.4 | .3 | | | | | | | | | 2.7 | 4.2 |
| W | 1.1 | 1.7 | .4 | .1 | | | | | | | | 2.6 | 4.8 |
| WNW | 1.2 | 1.5 | 1.1 | .2 | | | | | | | | 4.0 | 5.5 |
| NW | .7 | 1.7 | 1.7 | .2 | .1 | | | | | | | 2.7 | 6.4 |
| NNW | 1.3 | 2.7 | 1.4 | | | | | | | | | 4.7 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.7 | |
| | 22.5 | 32.1 | 18.9 | 6.7 | .8 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 915

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7-0220 RUNSWICK NAS ME STATION NAME 69-70077-80 YEARS MAY MONTH

ALL WEATHER
CLASS

ALL
NOV 60 (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N | 1.6 | 2.0 | 1.9 | 1.0 | .1 | | | | | | | 3.5 | 6.7 |
| NNE | 1.1 | 1.2 | 1.3 | .6 | .1 | | | | | | | 4.4 | 6.7 |
| NE | 1.7 | 1.3 | 1.0 | .4 | .0 | | | | | | | 3.7 | 6.2 |
| ENE | .8 | 1.3 | .7 | .1 | .0 | | | | | | | 2.9 | 5.5 |
| E | 1.1 | 1.7 | .7 | .1 | | | | | | | | 3.4 | 4.5 |
| ESE | .0 | 1.4 | .5 | .2 | | | | | | | | 3.1 | 5.1 |
| SE | .4 | 1.3 | .9 | .2 | .7 | | | | | | | 3.8 | 6.1 |
| SSE | 1.0 | 2.0 | 1.6 | .7 | .1 | | | | | | | 3.5 | 6.3 |
| S | 2.0 | 5.1 | 8.2 | 5.6 | .7 | .1 | | | | | | 21.5 | 8.7 |
| SSW | 1.1 | 2.1 | 2.8 | 2.4 | .2 | .0 | | | | | | 8.5 | 8.5 |
| SW | .5 | 1.2 | .7 | .2 | .0 | | | | | | | 2.3 | 6.3 |
| WSW | .5 | 1.1 | .6 | .2 | .0 | .0 | | | | | | 2.7 | 6.7 |
| W | .9 | .9 | .8 | .5 | .1 | | | | | | | 3.2 | 6.7 |
| WNW | .6 | 1.0 | 1.2 | 1.2 | .2 | .0 | | | | | | 4.2 | 8.5 |
| NW | .6 | 1.2 | 1.7 | 1.8 | .3 | .0 | | | | | | 5.7 | 7.4 |
| NNW | .2 | 1.4 | 1.8 | 1.1 | .2 | .0 | .0 | | | | | 5.5 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 15.3 | 26.5 | 26.7 | 16.3 | 2.0 | .2 | .0 | | | | | 1.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 7300

LOCAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS ME STATION NAME 69-70.73-80 YEARS JUL
CLASS ALL WEATHER MONTH 1980-0200
CONDITION 1000-0200
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.0 | .6 | .2 | | | | | | | | 7.2 | 4.1 |
| NNE | 1.1 | .8 | .2 | | | | | | | | | 2.1 | 3.7 |
| NE | .8 | .7 | .6 | | | | | | | | | 2.0 | 4.4 |
| ENE | 1.2 | .7 | .1 | | | | | | | | | 1.6 | 3.1 |
| E | 1.7 | .4 | | | | | | | | | | 2.5 | 3.2 |
| ESE | .9 | .7 | .1 | | | | | | | | | 1.7 | 3.5 |
| SE | 1.7 | 1.1 | .1 | | | | | | | | | 2.3 | 3.9 |
| SSE | 1.6 | 2.1 | 1.4 | .2 | .1 | | | | | | | 5.2 | 5.7 |
| S | 4.2 | 8.6 | 5.1 | 1.6 | .1 | | | | | | | 23.5 | 6.3 |
| SSW | 1.2 | 2.7 | 2.3 | 2.7 | .1 | | | | | | | 9.5 | 7.2 |
| SW | 1.7 | .9 | .3 | .1 | | | | | | | | 3.1 | 4.7 |
| WSW | 1.5 | .8 | .1 | | | | | | | | | 2.4 | 3.4 |
| W | 1.6 | 1.7 | .2 | | | | | | | | | 3.3 | 3.6 |
| WNW | .5 | 1.7 | .5 | .1 | | | | | | | | 2.0 | 5.7 |
| NW | .6 | .5 | .6 | .1 | | | | | | | | 1.9 | 5.4 |
| NNW | 2.1 | 1.5 | 1.2 | .2 | | | | | | | | 4.9 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.7 | |
| | 22.1 | 26.1 | 14.1 | 4.6 | .3 | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 485

U.S. NAVAL CLIMATOLOGY BRANCH
 FLEET CLIMATE
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION SPUNSWICK NAS ME STATION NAME 69-70.73-80 YEARS JUN
ALL WEATHER MONTHS 0300-0500
 CLASS HOURLY (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.5 | 2.7 | .9 | .6 | | | | | | | | 7.7 | 4.5 |
| NNE | 1.2 | 1.2 | .3 | | | | | | | | | 2.8 | 3.2 |
| NE | .9 | 1.5 | .1 | | | | | | | | | 2.5 | 4.1 |
| ENE | 1.0 | .9 | .3 | | | | | | | | | 2.3 | 4.1 |
| E | .9 | .8 | | | | | | | | | | 1.7 | 3.1 |
| ESE | .6 | 1.0 | | | | | | | | | | 1.6 | 4.1 |
| SE | .8 | .5 | .3 | | | | | | | | | 1.6 | 4.2 |
| SSE | 1.4 | 1.4 | .7 | | | | | | | | | 3.4 | 4.4 |
| S | 4.9 | 6.7 | 5.5 | 1.8 | .2 | | | | | | | 19.1 | 6.2 |
| SSW | 1.0 | 2.1 | 3.8 | .8 | | | | | | | | 8.7 | 6.6 |
| SW | .2 | .6 | .8 | | | | | | | | | 2.3 | 4.9 |
| WSW | 1.7 | .8 | .7 | | | | | | | | | 2.5 | 4.5 |
| W | 1.5 | .8 | .8 | .2 | | | | | | | | 3.4 | 5.2 |
| WNW | .6 | 1.1 | .3 | .2 | | | | | | | | 2.3 | 5.6 |
| NW | .7 | 1.0 | .8 | | | | | | | | | 2.5 | 5.6 |
| NNW | 1.8 | 1.6 | .5 | .3 | | | | | | | | 4.2 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.7 | |
| | 23.6 | 24.6 | 15.9 | 4.0 | .2 | | | | | | | 100.5 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS 686

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS ME STATION NAME 69-70,73-80 YEARS JUN
CLASS ALL WEATHER MONTH 0600-0800
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 4.6 | 1.6 | 1.2 | .1 | | | | | | | 10.8 | 5.7 |
| NNE | 1.3 | 2.7 | 1.7 | .2 | | | | | | | | 3.6 | 6.3 |
| NE | 1.3 | 1.6 | 1.1 | .2 | | | | | | | | 4.0 | 5.4 |
| ENE | .3 | .9 | .2 | | | | | | | | | 1.5 | 4.1 |
| E | .7 | .9 | .3 | | | | | | | | | 1.9 | 4.1 |
| ESE | 1.1 | .6 | .2 | | | | | | | | | 1.8 | 3.6 |
| SE | .7 | .5 | | | | | | | | | | 1.1 | 3.1 |
| SSE | 1.6 | 1.8 | .9 | .2 | .1 | | | | | | | 4.6 | 5.5 |
| S | 1.3 | 6.8 | 4.9 | 2.4 | .1 | | | | | | | 19.4 | 6.3 |
| SSW | 1.7 | 3.3 | 3.4 | 1.6 | | | | | | | | 9.9 | 6.8 |
| SW | .3 | 1.5 | .7 | .2 | | | | | | | | 4.6 | 4.6 |
| WSW | 1.2 | .8 | .7 | | | | | | | | | 2.7 | 4.6 |
| W | 1.1 | 1.5 | .8 | .1 | | | | | | | | 3.5 | 5.0 |
| WNW | .9 | 1.3 | 2.1 | .5 | | | | | | | | 4.5 | 7.1 |
| NW | .7 | 1.5 | 1.7 | .6 | | | | | | | | 4.4 | 7.1 |
| NNW | 1.5 | 1.9 | 1.2 | .7 | | | | | | | | 5.3 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.1 | |
| | 24.3 | 31.8 | 21.6 | 7.9 | .3 | | | | | | | 120.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 885

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 392 STATION BRUNSWICK NAS ME STATION NAME 69-70.73-80 YEARS JUN MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.0 | 2.1 | 1.6 | | | | | | | | 6.9 | 7.4 |
| NNE | .6 | 1.7 | 2.1 | .5 | | | | | | | | 4.8 | 7.1 |
| NE | .5 | 1.7 | 1.5 | .2 | | | | | | | | 3.3 | 6.7 |
| ENE | .6 | 1.5 | .7 | | | | | | | | | 2.7 | 5.1 |
| E | 1.4 | 2.1 | .5 | | | | | | | | | 3.9 | 4.2 |
| ESE | 1.7 | 1.2 | .3 | | | | | | | | | 2.6 | 4.5 |
| SE | 1.7 | .5 | .6 | | | | | | | | | 2.0 | 4.3 |
| SSE | 1.7 | 2.6 | 2.4 | .5 | .1 | | | | | | | 7.2 | 6.2 |
| S | 1.6 | 8.9 | 11.5 | 5.0 | .5 | | | | | | | 27.4 | 8.0 |
| SSW | .9 | 2.7 | 4.8 | 2.3 | .1 | | | | | | | 10.7 | 8.1 |
| SW | .6 | 1.1 | 1.7 | .3 | | | | | | | | 3.0 | 6.6 |
| WSW | .5 | .8 | .6 | .1 | | | | | | | | 1.9 | 5.7 |
| W | .7 | 1.4 | 1.2 | .7 | | .1 | | | | | | 4.1 | 7.4 |
| WNW | .5 | 1.7 | 1.5 | .7 | .1 | | | | | | | 3.7 | 8.2 |
| NW | .3 | 1.4 | 1.6 | 1.8 | .1 | | | | | | | 5.2 | 8.9 |
| NNW | .5 | 1.9 | 2.4 | 1.5 | | | | | | | | 6.2 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.8 | |
| | 13.2 | 32.3 | 34.7 | 15.0 | .9 | .1 | | | | | | 107.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

75921 STATION BRUNSWICK NAS MF 69-70,73-80 YEARS JUN MONTH
STATION NAME CLASS 1200-1400 HOURS (L.S.T.)
ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .8 | .7 | 2.3 | 1.5 | .1 | | | | | | | 5.3 | 9.0 |
| NNE | .3 | 1.1 | 1.6 | .5 | | | | | | | | 3.5 | 7.4 |
| NE | .5 | 1.1 | .8 | .2 | | | | | | | | 2.6 | 6.1 |
| ENE | .1 | .7 | .6 | .1 | | | | | | | | 1.5 | 6.2 |
| E | .8 | .9 | .7 | .2 | | | | | | | | 2.6 | 5.8 |
| ESE | .6 | .9 | .9 | .1 | | | | | | | | 2.5 | 6.2 |
| SE | .5 | 1.4 | 1.2 | .3 | | | | | | | | 3.4 | 6.6 |
| SSE | .6 | 2.5 | 2.8 | 1.4 | | | | | | | | 7.3 | 7.9 |
| S | .8 | 4.4 | 17.2 | 13.9 | .8 | | | | | | | 37.0 | 9.9 |
| SSW | .1 | 2.7 | 7.5 | 4.7 | .2 | | | | | | | 14.5 | 9.7 |
| SW | | .3 | 1.5 | .5 | | | | | | | | 2.3 | 8.6 |
| WSW | .2 | .6 | .7 | .3 | | | | | | | | 1.3 | 7.9 |
| W | .1 | .8 | 1.4 | .6 | .1 | | | | | | | 3.0 | 8.6 |
| WNW | | .8 | 1.2 | 1.1 | | | | | | | | 3.2 | 9.3 |
| NW | .1 | 1.2 | 1.7 | 1.4 | | | | | | | | 4.4 | 9.1 |
| NNW | .2 | .8 | 1.2 | 1.2 | | | | | | | | 3.5 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 5.7 | 20.3 | 43.3 | 28.0 | 1.2 | | | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS MF STATION NAME 69-70, 73-80 YEARS JUN
MONTHS 1500-1700
HOURS (L.S.T.)
ALL WEATHER
CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .2 | 1.8 | 1.6 | | | | | | | | 4.3 | 8.5 |
| NNE | .1 | 1.1 | .3 | .3 | | | | | | | | 1.9 | 7.1 |
| NE | .1 | .9 | .7 | .2 | | | | | | | | 1.9 | 7.3 |
| ENE | .2 | .9 | .6 | | | | | | | | | 1.7 | 5.9 |
| E | .6 | .9 | .6 | | | | | | | | | 2.0 | 4.9 |
| ESE | .5 | .7 | 1.4 | | | | | | | | | 2.6 | 6.3 |
| SE | .5 | 1.1 | 1.1 | | | | | | | | | 2.7 | 5.9 |
| SSE | .6 | 1.9 | 3.6 | .8 | .1 | | | | | | | 7.3 | 7.7 |
| S | .9 | 4.3 | 18.1 | 13.9 | .7 | | | | | | | 37.8 | 9.6 |
| SSW | | 2.3 | 9.7 | 6.6 | .2 | | | | | | | 18.8 | 9.9 |
| SW | .5 | 1.5 | 2.3 | 1.2 | | | | | | | | 5.0 | 8.5 |
| WSW | .1 | .3 | .2 | .2 | | | | | | | | .9 | 7.3 |
| W | | .5 | .7 | .1 | | | | | | | | 1.2 | 8.3 |
| WNW | .1 | .5 | 1.8 | 1.4 | | | | | | | | 3.7 | 9.8 |
| NW | .2 | .3 | 1.6 | 1.1 | .2 | | | | | | | 3.5 | 16.1 |
| NNW | | .5 | 1.2 | 1.4 | | | | | | | | 3.2 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.2 | |
| | 4.8 | 18.2 | 45.7 | 28.8 | 1.2 | | | | | | | 101.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-7921 STATION BRUNSWICK NAS ME STATION NAME 69-70,73-80 YEARS JUN MONTH 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .7 | .0 | 1.4 | .2 | | | | | | | | 4.3 | 6.1 |
| NNE | .7 | 1.2 | .7 | .1 | .1 | | | | | | | 2.6 | 5.8 |
| NE | .3 | .8 | .2 | .1 | | | | | | | | 1.5 | 5.7 |
| ENE | .5 | .9 | .3 | | | | | | | | | 1.7 | 4.7 |
| E | .5 | 2.7 | .6 | .1 | | | | | | | | 3.2 | 5.4 |
| ESE | .5 | 1.5 | .5 | .1 | | | | | | | | 2.5 | 5.2 |
| SE | .5 | 1.8 | .3 | | | | | | | | | 2.6 | 4.5 |
| SSE | 1.4 | 3.2 | 1.4 | .3 | | | | | | | | 6.2 | 5.6 |
| S | 2.5 | 12.0 | 11.7 | 5.0 | .2 | | | | | | | 31.5 | 7.5 |
| SSW | 1.2 | 5.8 | 7.6 | 4.9 | .5 | | | | | | | 20.0 | 8.3 |
| SW | .7 | 2.3 | 1.5 | .7 | .1 | | | | | | | 5.5 | 6.7 |
| WSW | .8 | .9 | .1 | | .1 | | | | | | | 1.7 | 4.5 |
| W | .8 | 1.7 | .6 | .2 | | | | | | | | 2.6 | 5.3 |
| WNW | .3 | 1.0 | .7 | .5 | | | | | | | | 2.5 | 7.0 |
| NW | .8 | 1.0 | .9 | .1 | | | | | | | | 2.6 | 5.8 |
| NNW | .2 | 1.8 | 1.5 | .9 | | | | | | | | 4.4 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 12.5 | 39.4 | 29.9 | 13.3 | 1.0 | | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 880

CLIMATOLGY BRANCH
USAFETAC
AD WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1332 BRUNSWICK NAS ME STATION NAME 69-70.73-80 YEARS JUN MONTHS 2100-2300 DOWNS (L.S.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.7 | 2.6 | .9 | .2 | .1 | | | | | | | 5.1 | 5.7 |
| NNE | .7 | .3 | .7 | | | | | | | | | 1.7 | 5.6 |
| NE | 1.7 | .4 | .3 | | | | | | | | | 1.8 | 3.9 |
| ENE | .9 | 1.1 | .2 | | | | | | | | | 2.1 | 4.6 |
| E | 1.7 | 1.3 | | | | | | | | | | 2.3 | 3.7 |
| ESE | 1.7 | .6 | .1 | | | | | | | | | 1.7 | 3.7 |
| SE | 1.1 | .8 | .2 | | | | | | | | | 2.1 | 3.7 |
| SSE | 2.1 | 4.7 | .9 | | .1 | | | | | | | 7.2 | 4.7 |
| S | 6.2 | 11.9 | 7.7 | 2.2 | .2 | | | | | | | 27.5 | 6.1 |
| SSW | 1.9 | 3.6 | 2.3 | 2.9 | .3 | | | | | | | 11.1 | 7.9 |
| SW | 1.7 | 1.3 | .6 | .1 | | | | | | | | 3.7 | 4.6 |
| WSW | 1.1 | 1.7 | | | | | | | | | | 2.1 | 3.7 |
| W | 1.6 | 1.8 | | | | | | | | | | 3.4 | 3.3 |
| WNW | .3 | 1.6 | .7 | .1 | | | | | | | | 3.2 | 5.2 |
| NW | .4 | .3 | .6 | | | | | | | | | 1.3 | 5.6 |
| NNW | 1.7 | 1.1 | 1.1 | .2 | | | | | | | | 4.1 | 5.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.1 | |
| | 23.8 | 33.8 | 15.7 | 5.8 | .8 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 894

CLIPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-1927 STATION BRUNSWICK NAS ME YEARS 69-70, 73-80 MONTH JUN
STATION NAME CLASS ALL WEATHER MONTH ALL
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 2.3 | 1.4 | .9 | .0 | | | | | | | 6.5 | 6.2 |
| NNE | .7 | 1.3 | 1.0 | .2 | .0 | | | | | | | 3.2 | 6.0 |
| NE | .6 | 1.1 | .7 | .1 | | | | | | | | 2.5 | 5.5 |
| ENE | .6 | .9 | .4 | .0 | | | | | | | | 1.9 | 4.7 |
| E | .4 | 1.2 | .3 | .0 | | | | | | | | 2.5 | 4.4 |
| ESE | .8 | .9 | .4 | .0 | | | | | | | | 2.1 | 4.8 |
| SE | .7 | .9 | .5 | .0 | | | | | | | | 2.2 | 4.3 |
| SSE | 1.3 | 2.4 | 1.8 | .4 | .1 | | | | | | | 6.0 | 6.1 |
| S | 3.3 | 7.9 | 10.2 | 5.7 | .4 | | | | | | | 27.5 | 7.8 |
| SSW | 1.2 | 3.1 | 5.2 | 3.2 | .2 | | | | | | | 12.6 | 8.3 |
| SW | 1.0 | 1.1 | 1.1 | .4 | .0 | | | | | | | 3.6 | 6.2 |
| WSW | .5 | .7 | .4 | .1 | .0 | | | | | | | 2.0 | 4.9 |
| W | .9 | 1.1 | .7 | .2 | .0 | .0 | | | | | | 3.0 | 5.7 |
| WNW | .5 | 1.1 | 1.1 | .6 | .0 | | | | | | | 3.1 | 7.4 |
| NW | .5 | .9 | 1.2 | .6 | .0 | | | | | | | 3.3 | 7.7 |
| NNW | 1.0 | 1.4 | 1.3 | .8 | | | | | | | | 4.5 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.2 | |
| | 16.8 | 28.3 | 27.6 | 13.4 | .8 | .0 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 7382

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

719820 STATION BRUNSWICK NAS MF STATION NAME 69-70.73-80 YEARS JUL MONTH
ALL WEATHER CLASS 0000-2200 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 2.8 | .9 | .1 | | | | | | | | 6.3 | 4.4 |
| NNE | 1.0 | .3 | | | | | | | | | | 1.3 | 3.3 |
| NE | .3 | .9 | .2 | | | | | | | | | 1.9 | 3.7 |
| ENE | .5 | .3 | .2 | | | | | | | | | 1.1 | 4.1 |
| E | 1.2 | .4 | | | | | | | | | | 1.6 | 2.6 |
| ESE | 1.4 | .3 | | | | | | | | | | 1.7 | 2.6 |
| SE | 1.0 | .2 | .2 | | | | | | | | | 1.4 | 3.2 |
| SSE | 1.4 | .8 | .7 | .1 | | | | | | | | 2.9 | 5.0 |
| S | 5.0 | 8.2 | 5.9 | .9 | .1 | | | | | | | 21.0 | 5.5 |
| SSW | 2.3 | 1.5 | 2.3 | 1.9 | | | | | | | | 8.0 | 7.0 |
| SW | 1.5 | 1.4 | 1.3 | .5 | | | | | | | | 4.8 | 5.6 |
| WSW | .3 | .7 | .1 | .1 | | | | | | | | 1.2 | 4.5 |
| W | 1.7 | 1.4 | .2 | | | | | | | | | 3.4 | 3.7 |
| WNW | 1.1 | 1.0 | .2 | | | | | | | | | 2.3 | 4.1 |
| NW | .5 | 1.7 | .1 | | | | | | | | | 2.4 | 4.3 |
| NNW | 1.4 | 1.6 | .9 | .3 | | | | | | | | 4.3 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.4 | |
| | 24.8 | 23.7 | 13.2 | 3.9 | .1 | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS 917

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7-1900 RUNSWICK NAS ME STATION NAME 69-73,73-80 YEARS JUL 69
ALL WEATHER CLASS 1300-1500 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 5.1 | 3.2 | 1.2 | .2 | | | | | | | | 2.4 | 4.3 |
| NNE | 1.5 | 1.3 | .3 | | | | | | | | | 1.2 | 3.7 |
| NE | .5 | .3 | | | | | | | | | | .6 | 3.7 |
| ENE | 1.3 | .8 | | | | | | | | | | 1.1 | 2.7 |
| E | 1.9 | .7 | | | | | | | | | | 2.6 | 2.5 |
| ESE | .7 | .4 | | | | | | | | | | 1.1 | 3.1 |
| SE | .3 | .4 | .3 | | | | | | | | | 1.1 | 4.1 |
| SSE | 1.6 | .4 | .3 | | | | | | | | | 2.4 | 3.7 |
| S | 5.8 | 7.7 | 5.0 | 1.1 | | | | | | | | 18.6 | 5.5 |
| SSW | 1.5 | 2.4 | 1.9 | 1.1 | | | | | | | | 6.9 | 6.6 |
| SW | 1.7 | 1.1 | .5 | .5 | | | | | | | | 5.2 | 5.3 |
| WSW | .3 | .7 | .4 | | | | | | | | | 1.9 | 4.1 |
| W | 1.1 | .7 | | | | | | | | | | 1.7 | 3.2 |
| WNW | 1.7 | 1.2 | .5 | | | | | | | | | 2.7 | 4.6 |
| NW | .5 | 1.1 | .7 | | | | | | | | | 1.3 | 5.1 |
| NNW | 1.8 | 2.5 | .2 | .1 | | | | | | | | 4.6 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.1 | |
| | 24.4 | 24.9 | 11.5 | 1.1 | | | | | | | | 112.7 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS 914

JOINT CLIMATOLOGY BRANCH
 AFMPC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION BRUNSWICK NAS MD STATION NAME 68-72,73-2 YEARS JUL
 MONTHS 0610-0807
 HOURS (L.S.T.)
 ALL WEATHER
 CLASS
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N | 3.1 | 4.1 | 2.5 | .7 | | | | | | | | 12.3 | 5.7 |
| NNE | 2.2 | 2.2 | .7 | | | | | | | | | 4.9 | 4.2 |
| NE | 1.7 | 1.5 | | | | | | | | | | 3.2 | 3.7 |
| ENE | .5 | 1.5 | .1 | | | | | | | | | 1.7 | 4.5 |
| E | 1.4 | .6 | .4 | | | | | | | | | 2.4 | 5.8 |
| ESE | 1.1 | .4 | .2 | | | | | | | | | 1.8 | 3.7 |
| SE | .2 | 1.1 | .2 | | | | | | | | | 1.1 | 4.1 |
| SSE | 1.2 | 1.7 | .3 | .1 | | | | | | | | 3.4 | 4.4 |
| S | 4.1 | 6.3 | 5.2 | 1.1 | .1 | | | | | | | 15.6 | 6.7 |
| SSW | .1 | 3.1 | 3.5 | 1.3 | | | | | | | | 8.9 | 6.8 |
| SW | 1.2 | 1.1 | 1.1 | .3 | | | | | | | | 3.9 | 5.7 |
| WSW | .5 | 1.1 | .3 | | | | | | | | | 2.4 | 3.6 |
| W | .7 | 1.5 | .7 | | | | | | | | | 2.9 | 4.7 |
| WNW | 1.1 | 1.5 | 1.2 | .1 | .1 | | | | | | | 4.7 | 6.7 |
| NW | .5 | 1.4 | 1.1 | .7 | | | | | | | | 3.1 | 6.5 |
| NNW | 1.1 | 2.5 | 3.2 | .6 | .1 | | | | | | | 7.5 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.7 | |
| | 21.2 | 30.9 | 21.1 | 4.9 | .3 | | | | | | | 11.7 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 960

7
LOCAL CLIMATOLOGY BRANCH
CLTAC
AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PUNSVIC VE MC STATION NAME 69-70,77-80 YEARS JUL
MONTH 000-1100
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.0 | 2.7 | 1.5 | .3 | | | | | | | 7.4 | 7.4 |
| NNE | .1 | 1.3 | 1.1 | .4 | | | | | | | | 1.3 | 6.6 |
| NE | .1 | 1.7 | 1.1 | | | | | | | | | 1.2 | 5.5 |
| ENE | .1 | 1.1 | .2 | | | | | | | | | 1.2 | 4.1 |
| E | 1.1 | 1.1 | .3 | | | | | | | | | 2.4 | 4.1 |
| ESE | .1 | 1.1 | .7 | .1 | | | | | | | | 1.2 | 4.3 |
| SE | .1 | 1.4 | .2 | | | | | | | | | 2.4 | 4.5 |
| SSE | 1.1 | 2.1 | 2.6 | .1 | | | | | | | | 3.5 | 5.1 |
| S | 1.2 | 5.1 | 9.6 | 2.7 | .3 | | | | | | | 22.4 | 7.7 |
| SSW | 1.1 | 3.7 | 4.9 | 2.4 | .2 | .1 | | | | | | 12.3 | 6.3 |
| SW | .1 | 1.3 | 1.6 | .8 | | | | | | | | 3.9 | 7.6 |
| WSW | .3 | 1.3 | .4 | .1 | | | | | | | | 2.8 | 5.1 |
| W | 1.2 | 1.4 | 1.6 | .7 | | | | | | | | 4.9 | 6.5 |
| WNW | .4 | .1 | 1.2 | 1.3 | | | | | | | | 4.3 | 5.6 |
| NW | .1 | 1.6 | 3.1 | 1.6 | | | | | | | | 5.6 | 6.3 |
| NNW | .4 | 2.4 | 2.3 | 1.3 | .1 | | | | | | | 5.5 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.4 | |
| | 14.4 | 30.5 | 34.7 | 13.0 | 1.0 | .1 | | | | | | 100.3 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 900

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-192 STATION BRUNSWICK NAS ME STATION NAME 69-70, 73-80 YEARS JUL
ALL WEATHER 1800-2000
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 2.1 | 1.3 | .5 | | | | | | | | 5.1 | 6.0 |
| NNE | .4 | .4 | .2 | | | | | | | | | 1.1 | 4.3 |
| NE | .3 | .5 | | | | | | | | | | .9 | 3.0 |
| ENE | .2 | .8 | | | | | | | | | | 1.5 | 3.6 |
| E | .3 | .7 | .2 | | | | | | | | | 1.2 | 4.7 |
| ESE | .9 | 1.3 | .1 | | | | | | | | | 2.0 | 3.0 |
| SE | 1.0 | 1.8 | .5 | | | | | | | | | 3.3 | 4.5 |
| SSE | 1.3 | 3.6 | 1.5 | .2 | | | | | | | | 6.4 | 5.5 |
| S | .2 | 14.5 | 13.7 | 3.4 | | | | | | | | 34.1 | 6.7 |
| SSW | 2.7 | 5.9 | 8.0 | 2.4 | .1 | | | | | | | 19.2 | 7.1 |
| SW | 2.3 | 2.3 | 1.3 | .7 | | | | | | | | 6.6 | 5.6 |
| WSW | 1.3 | .7 | .5 | .1 | | | | | | | | 2.6 | 4.5 |
| W | .7 | .8 | .4 | | | | | | | | | 1.9 | 4.0 |
| WNW | .4 | 1.2 | .5 | | | | | | | | | 2.2 | 5.6 |
| NW | .2 | 1.2 | 1.5 | .2 | | | | | | | | 3.2 | 6.0 |
| NNW | .2 | 1.9 | 1.0 | .5 | | | | | | | | 3.6 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 17.1 | 39.1 | 30.3 | 8.1 | .1 | | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 913

AD-A116 100

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BRUNSWICK NAS, MAINE. REVISED UNIFORM SUMMARY OF SURFACE WEATHE--ETC (11)
JUN 82

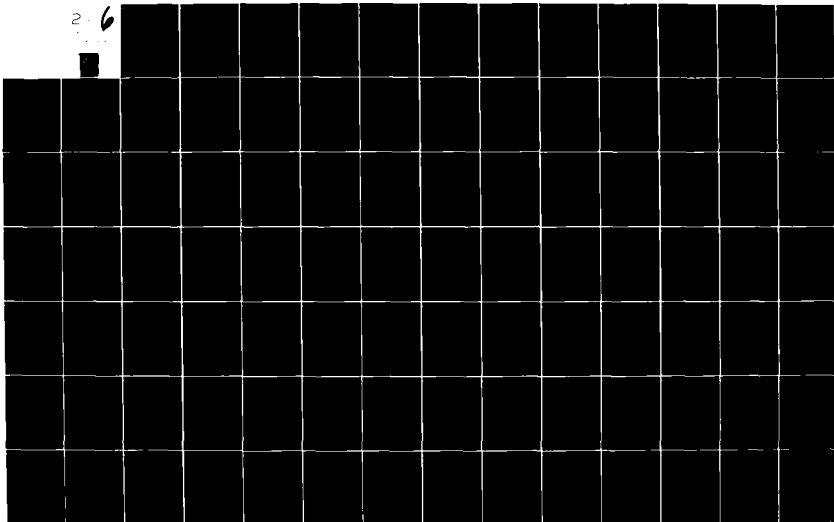
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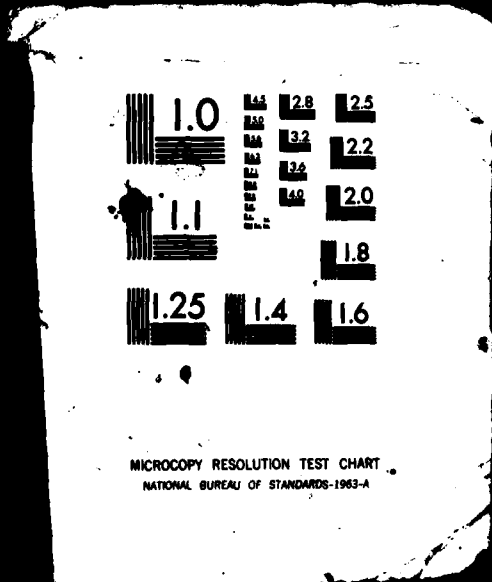
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

741920 STATION BRUNSWICK NAS ME 68-78,73-80 YEARS
ALL WEATHER CLASS
2100-2700 HRS (L.T.V.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 2.1 | .3 | .2 | | | | | | | | 8.2 | 4.4 |
| NNE | .7 | .3 | .1 | | | | | | | | | 1.1 | 3.8 |
| NE | .3 | .9 | .1 | | | | | | | | | 1.3 | 4.3 |
| ENE | .4 | .4 | | | | | | | | | | .9 | 3.3 |
| E | .8 | .8 | .1 | | | | | | | | | 1.6 | 3.7 |
| ESE | 1.2 | .9 | .1 | | | | | | | | | 2.2 | 3.8 |
| SE | .8 | .9 | .2 | | | | | | | | | 1.9 | 4.0 |
| SSE | 1.4 | 2.1 | .8 | .3 | | | | | | | | 4.6 | 5.2 |
| S | 6.7 | 10.5 | 5.0 | 1.9 | .2 | .1 | | | | | | 28.8 | 5.5 |
| SSW | 3.0 | 4.8 | 3.2 | 1.9 | | | | | | | | 12.3 | 6.2 |
| SW | 2.4 | 2.0 | .7 | .7 | | | | | | | | 5.7 | 5.2 |
| WSW | 1.0 | 1.6 | .1 | | | | | | | | | 2.7 | 3.9 |
| W | 1.1 | 1.1 | .2 | .1 | | | | | | | | 2.5 | 4.1 |
| WNW | .9 | .9 | .5 | | | | | | | | | 2.3 | 4.6 |
| NW | 1.0 | .7 | .4 | | | | | | | | | 2.1 | 4.2 |
| NNW | 1.4 | 1.5 | 1.0 | .3 | | | | | | | | 4.3 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.0 | |
| | 24.5 | 35.4 | 12.9 | 4.9 | .2 | .1 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
TIME (L.S.T.)

ORIGIN

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 1.2 | 1.4 | 1.1 | .2 | | | | | | | 4.7 | 8.3 |
| NNE | .3 | 1.4 | .2 | .2 | .1 | | | | | | | 2.3 | 6.7 |
| NE | .2 | .5 | .5 | .1 | | | | | | | | 1.9 | 6.1 |
| NNE | .3 | .4 | .5 | | | | | | | | | 1.3 | 5.8 |
| E | .8 | .4 | .3 | .1 | | | | | | | | 1.6 | 5.1 |
| ESE | .5 | .9 | 1.0 | | | | | | | | | 2.9 | 5.9 |
| SE | .7 | 1.0 | .5 | | | | | | | | | 2.2 | 5.1 |
| SSE | .5 | 2.6 | 3.0 | .7 | | | | | | | | 6.8 | 7.2 |
| S | 1.2 | 4.9 | 16.6 | 9.8 | .8 | | | | | | | 33.1 | 9.8 |
| SSW | .8 | 3.6 | 9.4 | 9.2 | .2 | | | | | | | 18.2 | 8.8 |
| SW | .3 | 1.0 | 2.2 | .7 | .1 | | | | | | | 4.4 | 6.2 |
| WSW | | .5 | 1.2 | .4 | | | | | | | | 2.2 | 6.0 |
| W | .2 | .8 | 1.2 | .5 | .1 | | | | | | | 2.8 | 6.1 |
| WWW | .1 | .7 | 1.2 | 1.9 | | | | | | | | 3.9 | 6.8 |
| NW | .2 | .9 | 2.2 | 2.7 | .2 | .1 | | | | | | 6.4 | 10.3 |
| NNW | .5 | .8 | 2.0 | 1.5 | | | | | | | | 4.8 | 8.7 |
| VARS | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 7.6 | 21.7 | 43.6 | 23.3 | 1.8 | .1 | | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS

913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920

BRUNSWICK HAS ME

69-78.73-88

MM

STATION

OBSERVATION

TIME

ALL WEATHER

1500-1700
GMT (LST)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .2 | 1.2 | 1.3 | 1.1 | | | | | | | | 3.8 | 6.4 |
| NNE | .2 | 1.0 | .1 | | | | | | | | | 1.3 | 5.4 |
| NE | .1 | .3 | .1 | | | | | | | | | .8 | 4.8 |
| ENE | .5 | .9 | .3 | | | | | | | | | 1.7 | 4.9 |
| E | .1 | .4 | .1 | | | | | | | | | .7 | 4.8 |
| ESE | .4 | .7 | | | | | | | | | | 1.1 | 4.7 |
| SE | .4 | 1.2 | .5 | | | | | | | | | 2.2 | 5.2 |
| SSE | .7 | 2.7 | 2.2 | .8 | | | | | | | | 6.3 | 6.2 |
| S | .8 | 7.1 | 19.3 | 9.0 | .1 | | | | | | | 36.4 | 6.3 |
| SSW | .8 | 3.9 | 11.6 | 4.9 | .2 | | | | | | | 21.2 | 6.4 |
| SW | | 1.1 | 3.6 | 1.8 | | | | | | | | 5.9 | 6.4 |
| WSW | | .3 | .9 | .8 | | | | | | | | 2.0 | 6.7 |
| W | .2 | .7 | 1.4 | .8 | | | | | | | | 2.8 | 6.3 |
| WWW | | .4 | 1.7 | 1.2 | .1 | | | | | | | 3.5 | 10.8 |
| NW | .2 | .4 | 2.6 | 1.3 | .1 | | | | | | | 6.7 | 9.8 |
| NNW | .2 | .7 | 2.8 | 1.1 | | | | | | | | 4.8 | 9.1 |
| VARB. | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.8 | |
| | 4.9 | 22.9 | 48.3 | 21.8 | .8 | | | | | | | 108.8 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS

928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

ALL WEATHER
TYPE

1800-2000
HOURS (L.A.T.)

| SPEED (KNOTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.3 | 2.0 | 1.3 | .8 | | | | | | | | 5.1 | 6.8 |
| NNE | .9 | .9 | .2 | | | | | | | | | 1.1 | 2.2 |
| NE | .3 | .9 | | | | | | | | | | .9 | 2.9 |
| NNE | .8 | .8 | | | | | | | | | | 1.5 | 3.6 |
| E | .3 | .7 | .2 | | | | | | | | | 1.2 | 2.7 |
| ENE | .9 | 1.0 | .1 | | | | | | | | | 2.0 | 3.9 |
| SE | 1.0 | 1.0 | .5 | | | | | | | | | 3.3 | 4.6 |
| SSE | 1.0 | 2.6 | 1.5 | .2 | | | | | | | | 6.3 | 8.6 |
| S | 3.2 | 19.5 | 13.8 | 3.9 | | | | | | | | 39.1 | 6.7 |
| SSW | 2.7 | 8.9 | 6.8 | 2.9 | .1 | | | | | | | 19.2 | 7.1 |
| SW | 2.3 | 2.3 | 1.3 | .7 | | | | | | | | 6.6 | 8.6 |
| WSW | 1.3 | .7 | .5 | .1 | | | | | | | | 2.6 | 3.1 |
| W | .7 | .8 | .9 | | | | | | | | | 1.9 | 2.6 |
| WWW | .9 | 1.2 | .5 | | | | | | | | | 2.2 | 2.6 |
| WNW | .2 | 1.2 | 1.2 | .2 | | | | | | | | 2.2 | 2.6 |
| NNW | .2 | 1.9 | 1.0 | .5 | | | | | | | | 3.6 | 7.2 |
| VAR | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 17.1 | 39.1 | 30.3 | 8.1 | .1 | | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70-73-80
YEAR

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
TIME (L.S.T.)

CONDITION

| SPEED (K.N.S) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|--------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 2.1 | .3 | .2 | | | | | | | | 4.2 | 4.6 |
| NNE | .7 | .3 | .1 | | | | | | | | | 1.1 | 3.9 |
| NE | .3 | .9 | .1 | | | | | | | | | 1.3 | 4.3 |
| NNE | .4 | .4 | | | | | | | | | | .9 | 3.3 |
| E | .8 | .8 | .1 | | | | | | | | | 1.6 | 3.7 |
| ESE | 1.2 | .9 | .1 | | | | | | | | | 2.2 | 3.3 |
| SE | .8 | .9 | .2 | | | | | | | | | 1.9 | 4.0 |
| SSE | 1.4 | 2.1 | .8 | .3 | | | | | | | | 4.6 | 5.2 |
| S | 6.7 | 14.8 | 5.0 | 1.9 | .2 | .1 | | | | | | 20.4 | 6.8 |
| SSW | 3.0 | 4.8 | 3.2 | 1.4 | | | | | | | | 12.3 | 6.2 |
| SW | 2.4 | 2.0 | .7 | .7 | | | | | | | | 5.7 | 5.2 |
| WSW | 1.0 | 1.6 | .1 | | | | | | | | | 2.7 | 3.9 |
| W | 1.1 | 1.1 | .2 | .1 | | | | | | | | 2.3 | 4.1 |
| WWW | .9 | .9 | .5 | | | | | | | | | 2.3 | 4.6 |
| NW | 1.0 | .7 | .4 | | | | | | | | | 2.1 | 4.2 |
| NNW | 1.4 | 1.5 | 1.0 | .3 | | | | | | | | 4.3 | 3.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.0 | |
| | 24.5 | 35.4 | 12.9 | 4.9 | .2 | .1 | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

743920

BRUNSWICK NAS ME

69-78,73-80

JUL

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

SEAS

ALL

WINDS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 2.4 | 1.5 | .7 | .1 | | | | | | | 6.4 | 6.0 |
| NNE | .8 | 1.0 | .3 | .1 | .0 | | | | | | | 2.3 | 4.8 |
| NE | .5 | .8 | .2 | .0 | | | | | | | | 1.6 | 4.5 |
| NNE | .7 | .7 | .2 | | | | | | | | | 1.6 | 4.1 |
| E | .9 | .6 | .2 | .0 | | | | | | | | 1.6 | 3.8 |
| ESE | .9 | .7 | .3 | .0 | | | | | | | | 1.9 | 4.1 |
| SE | .7 | 1.0 | .4 | | | | | | | | | 2.1 | 4.8 |
| SSE | 1.2 | 2.0 | 1.4 | .3 | | | | | | | | 4.9 | 8.8 |
| S | 3.7 | 8.6 | 10.0 | 3.7 | .2 | .0 | | | | | | 26.2 | 7.2 |
| SSW | 1.8 | 3.6 | 5.6 | 2.4 | .1 | .0 | | | | | | 13.8 | 7.7 |
| SW | 1.1 | 1.4 | 1.5 | .7 | .0 | | | | | | | 4.8 | 6.5 |
| WSW | .7 | .8 | .5 | .2 | | | | | | | | 2.3 | 5.4 |
| W | .9 | 1.0 | .7 | .2 | .0 | | | | | | | 2.9 | 5.7 |
| WWW | .6 | 1.0 | 1.1 | .6 | .0 | | | | | | | 3.2 | 7.1 |
| NW | .5 | 1.1 | 1.5 | .8 | .0 | .0 | | | | | | 4.8 | 7.7 |
| NNW | .9 | 1.7 | 1.6 | .7 | .0 | | | | | | | 5.0 | 6.9 |
| VARB. | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.7 | |
| | 17.8 | 28.6 | 26.9 | 10.4 | .5 | .0 | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS

7319

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME

69-70,73-80

AUG

ALL WEATHER

0000-0200
MOON (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.3 | 3.1 | .9 | | | | | | | | | 7.2 | 4.8 |
| NNE | 1.4 | .1 | .2 | | | | | | | | | 1.8 | 3.1 |
| NE | .4 | .7 | .2 | .1 | | | | | | | | 1.4 | 4.8 |
| NNE | .4 | .5 | .3 | | | | | | | | | 1.3 | 4.7 |
| E | .3 | .5 | .4 | | | | | | | | | 1.3 | 5.8 |
| ESE | .5 | .2 | .1 | | | | | | | | | .9 | 4.0 |
| SE | .7 | .4 | | .2 | | | | | | | | 1.3 | 5.3 |
| SSE | 1.2 | .8 | .4 | | | | | | | | | 2.4 | 4.0 |
| S | 4.2 | 6.4 | 2.6 | 1.2 | | | | | | | | 14.3 | 5.9 |
| SSW | 2.2 | 3.2 | 2.2 | .7 | | | | | | | | 8.2 | 5.7 |
| SW | 1.0 | .7 | .3 | .2 | | | | | | | | 2.2 | 5.1 |
| WSW | 1.2 | .9 | .2 | | | | | | | | | 2.3 | 3.7 |
| W | 1.8 | .5 | .2 | | | | | | | | | 2.5 | 3.1 |
| WW | .7 | .9 | .4 | | | | | | | | | 2.0 | 4.3 |
| NW | .7 | 1.8 | .8 | .1 | | | | | | | | 3.3 | 5.2 |
| NNW | 1.4 | 2.6 | .4 | | | | | | | | | 4.5 | 4.2 |
| VARB. | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 43.0 | |
| | 21.4 | 23.2 | 9.9 | 2.5 | | | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS

911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.G.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-53 | ≥34 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 4.7 | 4.1 | 1.3 | .3 | | | | | | | | 10.5 | 9.3 |
| NNE | 2.6 | 1.5 | .4 | .1 | | | | | | | | 4.7 | 3.7 |
| NE | .6 | .6 | .1 | | | | | | | | | 1.2 | 4.1 |
| NNE | .7 | .4 | | | | | | | | | | 1.1 | 3.2 |
| E | .9 | 1.0 | | .1 | | | | | | | | 2.0 | 9.1 |
| ESE | .3 | .3 | .1 | | .1 | | | | | | | .9 | 8.9 |
| SE | .6 | .1 | | | .2 | | | | | | | .9 | 6.6 |
| SSE | 1.4 | .9 | .3 | | | | | | | | | 2.6 | 4.8 |
| S | 4.7 | 5.5 | 2.2 | .1 | .1 | | | | | | | 12.7 | 9.6 |
| SSW | 1.5 | 2.4 | 2.1 | .6 | | | | | | | | 6.6 | 6.1 |
| SW | 1.2 | .4 | 1.0 | .1 | | | | | | | | 2.8 | 5.5 |
| WSW | .8 | .2 | .1 | .1 | | | | | | | | 1.2 | 4.8 |
| W | .7 | .7 | .3 | | | | | | | | | 1.7 | 9.1 |
| WWW | .9 | .7 | .2 | .1 | | | | | | | | 1.9 | 9.8 |
| NW | 1.2 | 2.0 | .7 | | | | | | | | | 3.9 | 4.9 |
| NNW | 2.3 | 2.0 | .1 | | | | | | | | | 4.4 | 3.4 |
| VALE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 41.1 | |
| | 25.1 | 22.8 | 9.0 | 1.5 | .9 | | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS

988

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70.73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.2 | 6.2 | 1.9 | .3 | | | | | | | | 13.5 | 4.5 |
| NNE | 2.1 | 3.1 | 1.1 | .2 | | | | | | | | 6.5 | 4.7 |
| NE | 1.0 | 1.1 | .6 | | | | | | | | | 2.6 | 4.5 |
| ENE | .9 | .4 | .1 | | | | | | | | | 1.4 | 3.7 |
| E | .7 | .9 | .2 | | | | | | | | | 1.8 | 4.3 |
| ESE | .6 | .9 | .2 | .1 | .1 | | | | | | | 1.9 | 6.0 |
| SE | .3 | .7 | .1 | | | | | | | | | 1.1 | 4.5 |
| SSE | .6 | .8 | .1 | | | | | | | | | 1.4 | 4.2 |
| S | 3.2 | 5.1 | 3.1 | .6 | | | | | | | | 11.9 | 5.4 |
| SSW | 2.1 | 3.9 | 1.5 | .9 | | | | | | | | 8.4 | 5.9 |
| SW | .8 | 1.2 | .7 | .3 | | | | | | | | 3.0 | 5.7 |
| WSW | 1.9 | .9 | .3 | | | | | | | | | 3.1 | 3.4 |
| W | 1.9 | 1.4 | .2 | .1 | | | | | | | | 2.6 | 3.9 |
| WNW | 1.4 | 1.3 | 1.3 | | | | | | | | | 4.1 | 5.0 |
| NW | 1.0 | 2.3 | 1.2 | .6 | | | | | | | | 5.1 | 6.2 |
| NNW | 2.4 | 2.8 | 2.0 | .1 | | | | | | | | 7.3 | 5.2 |
| VARB. | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.4 | |
| | 25.9 | 32.8 | 14.6 | 3.2 | .1 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS

909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.E.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 3.4 | 2.5 | .4 | | | | | | | | 7.9 | 6.1 |
| NNE | 1.0 | 2.5 | 1.1 | .3 | | | | | | | | 4.9 | 5.8 |
| NE | .5 | 2.2 | 1.2 | .2 | | | | | | | | 4.2 | 5.4 |
| NNE | 1.5 | 2.4 | .4 | | | | | | | | | 4.4 | 4.3 |
| E | 1.6 | 1.2 | .8 | | | | | | | | | 3.6 | 4.2 |
| ESE | 1.1 | 2.2 | .4 | | | .2 | | | | | | 4.0 | 5.3 |
| SE | .7 | .5 | .2 | | | .1 | | | | | | 1.5 | 5.4 |
| SSE | .9 | 2.2 | 1.4 | | | | | | | | | 4.5 | 5.5 |
| S | 1.9 | 6.5 | 6.3 | 1.8 | | | | | | | | 16.4 | 6.9 |
| SSW | 1.0 | 3.5 | 3.3 | 1.0 | | | | | | | | 8.8 | 7.2 |
| SW | .4 | 1.5 | 1.2 | .7 | | | | | | | | 3.8 | 7.3 |
| WSW | .8 | 1.9 | .7 | | | | | | | | | 3.3 | 4.9 |
| W | 1.0 | 2.5 | 2.2 | .3 | | | | | | | | 6.0 | 6.4 |
| WNW | .5 | 1.4 | 2.3 | 1.5 | .1 | | | | | | | 5.9 | 8.6 |
| NW | .2 | 2.5 | 2.4 | 1.1 | .1 | | | | | | | 6.4 | 7.9 |
| NNW | .8 | 2.9 | 2.7 | 2.1 | | | | | | | | 8.5 | 7.8 |
| VARB. | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.8 | |
| | 15.5 | 39.5 | 29.2 | 9.5 | .2 | .3 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS

910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLIM

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 2.1 | 2.0 | 1.1 | | | | | | | | 5.7 | 7.6 |
| NNE | .8 | 1.3 | .9 | | | | | | | | | 3.0 | 5.5 |
| NE | .1 | 1.1 | .2 | | | | | | | | | 1.4 | 5.5 |
| ENE | .8 | .9 | .5 | | | | | | | | | 2.2 | 5.4 |
| E | 1.1 | 1.3 | .8 | .1 | | | | | | | | 3.3 | 5.0 |
| ESE | .5 | 1.5 | .4 | | | | | | | | | 2.5 | 4.9 |
| SE | .3 | 1.2 | .9 | .1 | | .2 | | | | | | 2.7 | 7.4 |
| SSE | .3 | 2.5 | 3.3 | .8 | | .1 | | | | | | 7.0 | 7.5 |
| S | 1.0 | 5.4 | 14.6 | 6.4 | | | | | | | | 27.3 | 8.6 |
| SSW | .7 | 3.7 | 7.2 | 1.8 | .1 | | | | | | | 13.5 | 8.1 |
| SW | | 1.2 | 2.4 | 1.0 | .1 | | | | | | | 4.7 | 8.8 |
| WSW | .2 | .9 | 1.3 | .3 | | | | | | | | 2.7 | 7.6 |
| W | 1.0 | 1.0 | 1.9 | .8 | | | | | | | | 4.6 | 7.2 |
| WNW | .1 | 1.0 | 2.7 | 1.4 | .2 | | | | | | | 5.5 | 9.9 |
| NW | .2 | 1.0 | 2.4 | 1.1 | .1 | | | | | | | 4.8 | 9.1 |
| NNW | .3 | 1.2 | 3.7 | 1.6 | | | | | | | | 6.9 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 8.0 | 27.3 | 45.3 | 16.5 | .5 | .3 | | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
PERIOD (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 1.5 | 1.3 | .9 | | | | | | | | 4.4 | 7.3 |
| NNE | .4 | 1.2 | .9 | .4 | | | | | | | | 3.0 | 6.5 |
| NE | | .4 | .7 | .1 | | | | | | | | 1.2 | 7.5 |
| ENE | .2 | .7 | .3 | | | | | | | | | 1.2 | 5.1 |
| E | .4 | .9 | .3 | | | | | | | | | 1.6 | 4.6 |
| ESE | .5 | 2.2 | 1.0 | | | | | | | | | 3.7 | 5.6 |
| SE | .3 | 1.2 | .7 | | | | | | | | | 2.2 | 5.9 |
| SSE | .7 | 1.6 | 2.5 | .4 | | | | | | | | 5.2 | 7.1 |
| S | .9 | 6.8 | 18.0 | 5.2 | | .1 | | | | | | 31.0 | 8.6 |
| SSW | .4 | 3.5 | 11.8 | 3.0 | | | | | | | | 18.7 | 8.5 |
| SW | .3 | 1.9 | 3.0 | 1.1 | .1 | | | | | | | 6.3 | 8.1 |
| WSW | .3 | .7 | 1.2 | .3 | .1 | | | | | | | 2.6 | 8.0 |
| W | .3 | .4 | 1.2 | 1.0 | | | | | | | | 3.0 | 8.8 |
| WNW | .1 | .3 | 1.9 | 1.9 | | | | | | | | 4.2 | 9.8 |
| NW | .1 | .8 | 2.7 | 1.1 | | | | | | | | 4.7 | 9.0 |
| NNW | .2 | 1.6 | 1.9 | 1.5 | .1 | | | | | | | 5.4 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.6 | |
| | 6.0 | 25.7 | 49.3 | 16.9 | .3 | .1 | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS

915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.4 | 1.5 | .2 | | | | | | | | 4.5 | 5.8 |
| NNE | .9 | 1.0 | .7 | .2 | | | | | | | | 2.8 | 5.7 |
| NE | .4 | .3 | | | | | | | | | | .8 | 3.4 |
| ENE | 1.1 | .6 | | | | | | | | | | 1.7 | 3.0 |
| E | .7 | 1.0 | .2 | | | | | | | | | 1.9 | 4.2 |
| ESE | .9 | .2 | .3 | | | | | | | | | 1.4 | 3.8 |
| SE | .9 | 1.8 | | | | | | | | | | 2.7 | 3.9 |
| SSE | .9 | 2.2 | 1.0 | .3 | | | | | | | | 4.4 | 5.8 |
| S | 5.3 | 12.4 | 9.4 | 1.0 | | | | | | | | 28.1 | 5.8 |
| SSW | 3.8 | 6.4 | 6.2 | 1.7 | .1 | | | | | | | 18.1 | 6.3 |
| SW | 2.2 | 2.5 | 1.0 | .3 | | | | | | | | 6.1 | 4.8 |
| WSW | 1.3 | 1.3 | .6 | .3 | | | | | | | | 3.5 | 4.9 |
| W | 1.2 | 1.0 | 1.1 | .3 | | | | | | | | 3.6 | 5.9 |
| WNW | .7 | .9 | .9 | | | | | | | | | 2.4 | 5.7 |
| NW | 1.0 | 2.1 | .7 | .2 | .1 | | | | | | | 4.1 | 5.8 |
| NNW | .7 | 2.7 | 1.5 | .3 | | | | | | | | 5.2 | 6.1 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.7 | |
| | 23.2 | 37.8 | 25.1 | 5.0 | .2 | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 3.1 | 1.9 | .9 | | | | | | | | | 5.8 | 3.9 |
| NNE | 1.4 | .5 | .2 | | | | | | | | | 2.2 | 3.9 |
| NE | .7 | .4 | .2 | | | | | | | | | 1.3 | 4.0 |
| ENE | .7 | .8 | .2 | | | | | | | | | 1.6 | 4.3 |
| E | 1.2 | .3 | | | | | | | | | | 1.5 | 2.8 |
| ESE | .9 | .7 | | | | | | | | | | 1.5 | 3.3 |
| SE | 1.1 | .1 | | | | | | | | | | 1.2 | 2.2 |
| SSE | 1.0 | 2.1 | .4 | | | | | | | | | 3.5 | 4.8 |
| S | 5.0 | 9.1 | 3.8 | 2.0 | | | | | | | | 19.9 | 8.8 |
| SSW | 3.8 | 4.9 | 2.8 | .8 | | | | | | | | 12.3 | 8.8 |
| SW | .9 | 1.6 | .9 | .1 | | | | | | | | 3.5 | 5.2 |
| WSW | 1.1 | 1.4 | | .1 | | | | | | | | 2.6 | 3.9 |
| W | 1.6 | 1.0 | | | | | | | | | | 2.6 | 2.9 |
| WNW | .9 | 1.0 | .2 | | | | | | | | | 2.1 | 3.9 |
| NW | .7 | 1.6 | .4 | | | | | | | | | 2.7 | 4.3 |
| NNW | 1.2 | 3.4 | 1.0 | | | | | | | | | 5.6 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.0 | |
| | 25.1 | 30.8 | 11.1 | 2.9 | | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS

916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
WINDS (L.S.V.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 3.0 | 1.5 | .4 | | | | | | | | 7.4 | 5.2 |
| NNE | 1.3 | 1.4 | .7 | .2 | | | | | | | | 3.6 | 4.8 |
| NE | .5 | .9 | .4 | .1 | | | | | | | | 1.8 | 5.1 |
| ENE | .8 | .8 | .2 | | | | | | | | | 1.9 | 4.3 |
| E | .9 | .9 | .3 | .0 | | | | | | | | 2.1 | 4.0 |
| ESE | .7 | 1.0 | .3 | .0 | .0 | .0 | | | | | | 2.1 | 5.1 |
| SE | .6 | .8 | .2 | .0 | .0 | .0 | | | | | | 1.7 | 5.3 |
| SSE | .9 | 1.6 | 1.2 | .2 | | .0 | | | | | | 3.9 | 5.0 |
| S | 3.3 | 7.1 | 7.5 | 2.3 | .0 | .0 | | | | | | 20.2 | 6.7 |
| SSW | 1.9 | 3.9 | 4.7 | 1.3 | .0 | | | | | | | 11.8 | 6.9 |
| SW | .9 | 1.4 | 1.3 | .5 | .0 | | | | | | | 4.0 | 6.5 |
| WSW | .9 | 1.0 | .5 | .2 | .0 | | | | | | | 2.7 | 5.1 |
| W | 1.2 | 1.1 | .9 | .3 | | | | | | | | 3.5 | 5.6 |
| WNW | .7 | .9 | 1.2 | .6 | .0 | | | | | | | 3.5 | 7.3 |
| NW | .6 | 1.8 | 1.4 | .5 | .0 | | | | | | | 4.4 | 6.8 |
| NNW | 1.2 | 2.4 | 1.7 | .7 | .0 | | | | | | | 6.0 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.5 | |
| | 18.8 | 30.0 | 24.2 | 7.3 | .2 | .1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS

7287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0800-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.9 | 4.3 | 2.2 | .1 | | | | | | | | 11.5 | 4.3 |
| NNE | 1.2 | 1.7 | .6 | .2 | | | | | | | | 3.7 | 5.1 |
| NE | .6 | 1.2 | .1 | | | | | | | | | 1.9 | 4.2 |
| ENE | .7 | | | | | | | | | | | .7 | 2.3 |
| E | .6 | .1 | | | | | | | | | | .7 | 2.8 |
| ESE | .3 | .3 | | | | | | | | | | .7 | 3.3 |
| SE | .5 | .5 | .1 | | | | | | | | | 1.0 | 3.9 |
| SSE | .7 | .7 | .5 | .2 | .2 | | | | | | | 2.3 | 6.9 |
| S | 3.6 | 4.6 | 2.9 | .5 | | | | | | | | 11.7 | 5.3 |
| SSW | 1.8 | 4.4 | 4.4 | 1.4 | | | | | | | | 12.0 | 6.8 |
| SW | 1.2 | 1.8 | 1.2 | .5 | | | | | | | | 4.8 | 5.8 |
| WSW | 1.5 | .9 | .2 | | | | | | | | | 2.6 | 3.7 |
| W | 2.0 | .9 | .2 | .1 | | | | | | | | 3.3 | 3.6 |
| WNW | 1.5 | 1.2 | .1 | | | | | | | | | 2.8 | 3.8 |
| NW | .6 | 1.4 | .5 | | | | | | | | | 2.4 | 5.8 |
| NNW | 1.7 | 2.2 | .7 | .2 | | | | | | | | 4.8 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.2 | |
| | 23.4 | 26.3 | 13.7 | 3.2 | .2 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS

882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.2 | 6.4 | 1.2 | .2 | | | | | | | | 13.0 | 4.1 |
| NNE | 1.3 | 2.0 | 1.6 | .1 | | | | | | | | 5.1 | 5.6 |
| NE | .3 | .6 | .2 | | | | | | | | | 1.1 | 4.7 |
| ENE | .3 | .6 | | | | | | | | | | .9 | 3.6 |
| E | .6 | | | | | | | | | | | .6 | 2.2 |
| ESE | .2 | .3 | | | | | | | | | | .6 | 3.6 |
| SE | .7 | .1 | | | | | | | | | | .8 | 2.9 |
| SSE | .8 | .6 | .1 | | | | | | | | | 1.5 | 3.5 |
| S | 3.6 | 4.0 | 3.1 | .8 | | | | | | | | 11.6 | 5.7 |
| SSW | 1.9 | 2.5 | 1.9 | 1.1 | | | | | | | | 7.4 | 6.3 |
| SW | 1.7 | .9 | .4 | | | | | | | | | 3.0 | 4.1 |
| WSW | 1.9 | .8 | .2 | .2 | | | | | | | | 3.1 | 3.9 |
| W | 1.3 | 1.5 | .6 | | | | | | | | | 3.4 | 4.4 |
| WNW | 1.0 | .9 | .6 | | | | | | | | | 2.5 | 4.8 |
| NW | .7 | .9 | .3 | | | | | | | | | 1.9 | 4.8 |
| NNW | 2.4 | 2.8 | .6 | .2 | | | | | | | | 5.9 | 4.4 |
| VARS | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 37.7 | |
| | 23.9 | 24.8 | 10.9 | 2.7 | | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS

891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

743920

BRUNSWICK NAS NE

69-70,73-80

SEP

ALL WEATHER

0400-0000
GMT (LST)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 4.8 | 7.0 | 2.4 | .1 | | | | | | | | 19.3 | 9.8 |
| NNE | 3.0 | 3.6 | 1.9 | .1 | | | | | | | | 8.6 | 9.9 |
| NE | 1.2 | 1.2 | .8 | | | | | | | | | 3.3 | 9.0 |
| NNE | .1 | .5 | | .1 | | | | | | | | .7 | 8.1 |
| E | .6 | .5 | | | | | | | | | | 1.0 | 7.9 |
| ESE | .5 | .2 | | | | | | | | | | .7 | 7.3 |
| SE | .6 | .6 | .2 | .1 | | | | | | | | 1.5 | 6.1 |
| SSE | .2 | .7 | .5 | | | | | | | | | 1.0 | 5.9 |
| S | 2.6 | 4.0 | 3.3 | 1.1 | .1 | | | | | | | 11.1 | 6.9 |
| SSW | 1.6 | 2.0 | 3.2 | 1.2 | | | | | | | | 8.1 | 7.0 |
| SW | .7 | 1.2 | 1.0 | .1 | | | | | | | | 3.1 | 5.8 |
| WSW | .8 | 1.4 | .2 | | | | | | | | | 2.4 | 5.1 |
| W | 1.2 | 2.6 | .7 | | | | | | | | | 4.5 | 5.0 |
| WWW | .6 | 1.6 | 2.4 | .5 | | | | | | | | 5.0 | 7.0 |
| WNW | 1.0 | 1.0 | 1.8 | .7 | | | | | | | | 4.2 | 6.0 |
| NNW | 2.7 | 2.2 | 1.0 | | | | | | | | | 5.9 | 9.1 |
| VARS | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.2 | |
| | 22.2 | 38.1 | 19.1 | 4.1 | .1 | | | | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS

888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920

BRUNSWICK NAS ME

69-78.73-88

SEP

STATION

STATION NAME

TIME

DATE

ALL WEATHER

0900-1100

MOON (L.S.T.)

OBSERVATION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.8 | 3.3 | 4.3 | .6 | | | | | | | | 9.9 | 6.3 |
| NNE | 1.8 | 4.7 | 1.6 | .4 | | | | | | | | 8.3 | 5.8 |
| NE | .8 | 1.6 | 1.1 | .1 | | | | | | | | 3.6 | 5.4 |
| NNE | .7 | 1.1 | .9 | | | | | | | | | 2.7 | 5.3 |
| E | .9 | .4 | .1 | | | | | | | | | 1.5 | 3.5 |
| ESE | .9 | .4 | .3 | .1 | | | | | | | | 1.8 | 4.0 |
| SE | .4 | .7 | .4 | .1 | | | | | | | | 1.7 | 5.2 |
| ESE | 1.7 | 2.0 | 1.0 | .4 | | | | | | | | 5.2 | 5.4 |
| S | 1.7 | 4.4 | 6.3 | 3.1 | .2 | | | | | | | 18.7 | 7.9 |
| SSW | .8 | 2.9 | 4.9 | 2.4 | .2 | | | | | | | 11.2 | 6.3 |
| SW | .7 | 1.1 | 1.6 | | | | | | | | | 3.4 | 6.3 |
| WSW | .6 | 1.8 | .3 | .1 | | | | | | | | 2.6 | 5.4 |
| W | .8 | .7 | 2.1 | 1.2 | .2 | | | | | | | 5.1 | 6.9 |
| WWW | .6 | 1.5 | 2.9 | 1.8 | .1 | | | | | | | 6.9 | 9.8 |
| NW | .7 | 1.6 | 2.2 | 1.8 | .2 | | | | | | | 8.7 | 7.8 |
| NNW | .7 | 2.1 | 2.3 | 2.8 | | .1 | | | | | | 7.9 | 6.3 |
| VARL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 15.4 | 38.3 | 32.7 | 13.9 | 1.8 | .1 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

743920

BRUNSWICK NAS ME

69-70, 73-80

SEP

ALL WEATHER

1200-1400

MOON (L.S.T.)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .9 | 2.5 | 2.5 | 1.0 | .2 | | | | | | | 7.2 | 7.4 |
| NNE | .7 | 1.5 | 2.0 | .2 | | | | | | | | 4.9 | 6.5 |
| NE | .6 | 1.5 | .6 | | | | | | | | | 2.6 | 3.0 |
| NNE | .5 | 1.0 | .7 | | | | | | | | | 2.2 | 3.3 |
| E | .3 | 1.2 | .3 | | | | | | | | | 1.9 | 4.9 |
| ESE | .2 | .5 | .7 | | | | | | | | | 1.4 | 3.9 |
| SE | .6 | 1.2 | .8 | .1 | | | | | | | | 2.7 | 5.6 |
| SSE | .3 | 1.7 | 2.2 | 1.0 | | | | | | | | 5.2 | 6.0 |
| S | 1.0 | 6.0 | 11.9 | 7.2 | .7 | .1 | | | | | | 26.9 | 9.1 |
| SSW | .6 | 1.4 | 6.0 | 3.1 | .5 | | | | | | | 11.5 | 9.6 |
| SW | .1 | .8 | .9 | .7 | | | | | | | | 2.5 | 6.0 |
| WSW | .3 | .3 | .9 | .1 | .2 | | | | | | | 1.9 | 6.9 |
| W | .5 | .6 | 1.7 | .3 | .1 | | | | | | | 3.4 | 7.6 |
| WWW | .7 | 1.1 | 3.1 | 1.9 | .1 | | | | | | | 6.9 | 6.9 |
| NW | .6 | .9 | 4.2 | 2.7 | .2 | | | | | | | 6.6 | 9.4 |
| NNW | .3 | 1.6 | 3.4 | 1.4 | | | | | | | | 6.9 | 6.2 |
| VARS | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.7 | |
| | 8.2 | 29.3 | 41.9 | 19.8 | 2.0 | .1 | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

LOCATION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-9 | 10-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .3 | 1.3 | 2.3 | 1.5 | | | | | | | | 5.5 | 8.3 |
| NNE | .6 | 1.6 | 1.0 | .1 | | | | | | | | 3.3 | 6.0 |
| NE | .8 | 1.0 | .6 | | | | | | | | | 2.4 | 4.6 |
| NNE | .7 | .7 | .2 | | | | | | | | | 1.6 | 4.1 |
| E | .2 | 1.1 | .3 | | | | | | | | | 1.7 | 5.3 |
| ESE | .9 | .9 | .1 | | | | | | | | | 1.9 | 4.2 |
| SE | .6 | 1.1 | .6 | .1 | | | | | | | | 2.4 | 5.6 |
| SSE | 1.1 | 1.8 | 1.9 | .1 | .2 | .1 | | | | | | 5.3 | 6.9 |
| S | .8 | 7.7 | 14.3 | 7.2 | .6 | .6 | | | | | | 31.1 | 9.0 |
| SSW | .2 | 5.3 | 8.0 | 2.7 | .3 | | | | | | | 16.6 | 8.3 |
| SW | .8 | 1.4 | 1.4 | .7 | | | | | | | | 4.2 | 7.1 |
| WSW | | .7 | 1.2 | .1 | | | | | | | | 2.0 | 7.3 |
| W | .2 | .5 | .9 | .6 | | | | | | | | 2.1 | 8.5 |
| WNW | .2 | 1.2 | 2.6 | 1.0 | .1 | | | | | | | 5.2 | 8.3 |
| NW | .3 | .9 | 2.9 | 1.2 | .2 | | | | | | | 5.6 | 8.9 |
| NNW | .3 | 1.5 | 3.0 | 2.3 | .2 | | | | | | | 7.3 | 9.4 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 8.1 | 28.7 | 41.3 | 17.6 | 1.7 | .7 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS

888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 3.6 | 1.7 | .2 | | | | | | | | 7.1 | 5.1 |
| NNE | 1.4 | 1.2 | .2 | | | | | | | | | 2.8 | 4.2 |
| NE | .7 | .7 | .3 | | | | | | | | | 1.7 | 4.3 |
| ENE | .7 | .3 | .3 | | | | | | | | | 1.4 | 4.1 |
| E | 1.1 | .6 | | | | | | | | | | 1.7 | 3.1 |
| ESE | 1.4 | .9 | | | | | | | | | | 2.3 | 3.2 |
| SE | 1.4 | .7 | .5 | .1 | | | | | | | | 2.6 | 4.5 |
| SSE | 1.4 | 1.7 | .3 | | | | | | | | | 3.4 | 4.0 |
| S | 5.3 | 13.2 | 7.2 | 1.4 | .7 | | | | | | | 27.7 | 6.1 |
| SSW | 2.8 | 5.6 | 4.8 | 1.7 | .2 | | | | | | | 15.2 | 6.6 |
| SW | .9 | .9 | 1.1 | | | | | | | | | 2.9 | 5.8 |
| WSW | .8 | 1.1 | .1 | .3 | | | | | | | | 2.4 | 5.1 |
| W | .7 | .9 | .5 | .2 | | | | | | | | 2.3 | 5.7 |
| WNW | 1.1 | 1.5 | .8 | .1 | | | | | | | | 3.5 | 5.3 |
| NW | 1.0 | 1.9 | .7 | .3 | | | | | | | | 3.9 | 5.7 |
| NNW | .9 | 2.0 | 1.4 | .3 | | | | | | | | 4.6 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.6 | |
| | 23.0 | 36.8 | 19.9 | 4.7 | .9 | | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS

888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70.73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.8 | 3.9 | 1.1 | .2 | | | | | | | | 8.1 | 4.7 |
| NNE | 1.1 | 1.9 | .3 | | | | | | | | | 3.4 | 4.6 |
| NE | 1.0 | 1.0 | .3 | | | | | | | | | 2.4 | 4.2 |
| ENE | .3 | .3 | .1 | | | | | | | | | .8 | 4.0 |
| E | .2 | .2 | .1 | | | | | | | | | .6 | 4.4 |
| ESE | .2 | .1 | | | | | | | | | | .3 | 3.3 |
| SE | .4 | .9 | .1 | .3 | | | | | | | | 1.8 | 6.1 |
| SSE | 1.6 | 1.3 | .2 | | | | | | | | | 3.1 | 3.9 |
| S | 4.4 | 6.4 | 3.5 | 1.0 | .2 | .1 | | | | | | 15.6 | 5.8 |
| SSW | 1.5 | 4.2 | 5.4 | 1.8 | .3 | | | | | | | 13.1 | 7.5 |
| SW | .9 | 1.5 | 1.2 | .4 | | | | | | | | 4.0 | 6.2 |
| WSW | 1.0 | .7 | .3 | | | | | | | | | 2.0 | 4.3 |
| W | 1.8 | 1.1 | .4 | | | | | | | | | 3.4 | 3.9 |
| WWW | .4 | .7 | .2 | .3 | .1 | | | | | | | 1.8 | 4.9 |
| NW | .8 | 1.2 | .9 | .2 | | | | | | | | 3.1 | 5.8 |
| NNW | 2.0 | 1.7 | 1.8 | .2 | | | | | | | | 5.7 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.8 | |
| | 20.5 | 27.2 | 16.2 | 4.4 | .7 | .1 | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS

891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.8 | 4.1 | 2.2 | .5 | .0 | | | | | | | 9.6 | 5.3 |
| NNE | 1.4 | 2.3 | 1.2 | .2 | | | | | | | | 5.0 | 5.3 |
| NE | .7 | 1.1 | .5 | .0 | | | | | | | | 2.4 | 4.7 |
| ENE | .5 | .6 | .3 | .0 | | | | | | | | 1.4 | 4.6 |
| E | .6 | .5 | .1 | | | | | | | | | 1.2 | 3.9 |
| ESE | .6 | .5 | .1 | .0 | | | | | | | | 1.2 | 4.1 |
| SE | .6 | .7 | .3 | .1 | | | | | | | | 1.8 | 5.0 |
| SSE | 1.0 | 1.3 | .8 | .2 | .1 | .0 | | | | | | 3.4 | 5.8 |
| S | 2.9 | 6.3 | 6.6 | 2.8 | .3 | .1 | | | | | | 18.9 | 7.3 |
| SSW | 1.4 | 3.5 | 4.8 | 1.9 | .2 | | | | | | | 11.9 | 7.7 |
| SW | .9 | 1.2 | 1.1 | .3 | | | | | | | | 3.5 | 6.1 |
| WSW | .9 | 1.0 | .5 | .1 | .0 | | | | | | | 2.4 | 5.2 |
| W | 1.1 | 1.1 | .9 | .3 | .0 | | | | | | | 3.4 | 5.9 |
| WNW | .8 | 1.2 | 1.6 | .7 | .1 | | | | | | | 4.3 | 7.4 |
| NW | .7 | 1.2 | 1.6 | .8 | .1 | | | | | | | 4.4 | 7.5 |
| NNW | 1.4 | 2.0 | 1.8 | .9 | .0 | .0 | | | | | | 6.1 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.1 | |
| | 18.1 | 28.6 | 24.5 | 8.8 | .8 | .1 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS

7091

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920

BRUNSWICK NAS ME

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0000-0200

HHMM (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.1 | 4.9 | 1.7 | .7 | | | | | | | | 12.4 | 4.7 |
| NNE | 2.3 | 1.5 | 1.2 | .4 | | | | | | | | 5.4 | 5.5 |
| NE | .3 | 1.2 | 1.1 | .3 | | | | | | | | 2.9 | 7.1 |
| ENE | .4 | .7 | .2 | .1 | | | | | | | | 1.4 | 5.3 |
| E | .4 | .1 | .3 | .4 | .1 | | | | | | | 1.4 | 9.2 |
| ESE | .3 | .2 | .1 | .1 | | | | | | | | .8 | 5.3 |
| SE | .1 | .4 | .1 | | | | | | | | | .7 | 5.0 |
| SSE | 1.4 | .5 | .5 | .3 | .2 | | | | | | | 3.0 | 6.5 |
| S | 1.3 | 2.4 | 2.9 | 1.1 | | .2 | | | | | | 7.9 | 7.3 |
| SSW | 1.5 | 1.7 | 2.5 | .9 | .1 | .1 | | | | | | 6.9 | 7.0 |
| SW | .8 | 2.6 | 1.1 | .3 | .1 | | | | | | | 4.9 | 6.1 |
| WSW | 1.2 | 1.3 | .9 | .2 | | | | | | | | 3.6 | 5.2 |
| W | 1.8 | 2.8 | .3 | .2 | | | | | | | | 5.2 | 4.3 |
| WNW | .8 | 1.2 | .7 | | | | | | | | | 2.6 | 4.9 |
| NW | .4 | 2.1 | 1.1 | .2 | | | | | | | | 3.8 | 6.3 |
| NNW | 2.7 | 2.7 | 2.2 | 1.2 | | | | | | | | 8.8 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.2 | |
| | 21.0 | 26.4 | 17.0 | 6.5 | .5 | .3 | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

919

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.6 | 5.2 | 3.0 | .3 | | | | | | | | 13.2 | 5.0 |
| NNE | 2.2 | 1.6 | 1.1 | .5 | | | | | | | | 5.4 | 5.4 |
| NE | .3 | .4 | 1.1 | | | | | | | | | 1.8 | 6.4 |
| ENE | .2 | .2 | .5 | .4 | | | | | | | | 1.4 | 8.3 |
| E | .7 | .3 | | .1 | | | | | | | | 1.1 | 4.1 |
| ESE | .1 | .2 | .3 | .3 | | | | | | | | 1.0 | 9.0 |
| SE | .4 | | | .1 | | | | | | | | .5 | 5.0 |
| SSE | .8 | .7 | .2 | | .1 | | | | | | | 1.7 | 4.8 |
| S | 2.0 | 2.9 | 2.4 | 1.0 | .1 | | | | | | | 8.4 | 6.5 |
| SSW | 1.8 | 2.7 | 2.1 | 1.3 | .1 | | | | | | | 8.0 | 6.6 |
| SW | .5 | 2.2 | 1.6 | .2 | | | | | | | | 4.6 | 6.1 |
| WSW | .9 | 1.0 | .4 | .2 | | | | | | | | 2.5 | 5.0 |
| W | .9 | 1.4 | .5 | .1 | | | | | | | | 2.9 | 4.7 |
| WNW | 1.2 | 1.6 | .7 | .2 | | | | | | | | 3.7 | 5.2 |
| NW | 1.7 | 1.7 | 1.2 | .3 | | | | | | | | 5.0 | 5.5 |
| NNW | 2.5 | 3.8 | 2.6 | .4 | | | | | | | | 9.3 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.3 | |
| | 20.8 | 26.1 | 17.8 | 5.7 | .3 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.6 | 6.0 | 3.8 | 1.0 | | | | | | | | 16.4 | 5.3 |
| NNE | 1.3 | 2.0 | 1.3 | .4 | | | | | | | | 5.0 | 5.9 |
| NE | 1.0 | .9 | .9 | .3 | | | | | | | | 3.1 | 6.0 |
| ENE | .4 | .3 | .2 | .3 | | | | | | | | 1.3 | 6.4 |
| E | .9 | .2 | .1 | .1 | | | | | | | | 1.3 | 4.1 |
| ESE | .1 | .3 | .3 | | | | | | | | | .8 | 6.0 |
| SE | .2 | .2 | .2 | | | | | | | | | .7 | 5.2 |
| SSE | 1.2 | .5 | .3 | | | | | | | | | 2.1 | 3.8 |
| S | 1.8 | 2.2 | 2.7 | .3 | .3 | .1 | | | | | | 7.5 | 7.0 |
| SSW | 1.4 | 1.5 | 2.5 | 1.4 | .3 | | | | | | | 7.2 | 7.9 |
| SW | .9 | 2.4 | 1.8 | .8 | | | | | | | | 5.8 | 6.6 |
| WSW | 1.1 | 1.4 | 1.2 | .1 | | | | | | | | 3.8 | 5.4 |
| W | 1.2 | 1.4 | .8 | | | | | | | | | 3.4 | 4.6 |
| WNW | .8 | 1.6 | 1.1 | .3 | | | | | | | | 3.8 | 6.3 |
| NW | .8 | 1.9 | 1.9 | .7 | .2 | | | | | | | 5.4 | 7.2 |
| NNW | 2.3 | 3.5 | 2.4 | .9 | | | | | | | | 9.1 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.2 | |
| | 20.9 | 26.5 | 21.6 | 6.7 | .9 | .1 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.1 | 2.7 | 5.4 | 2.3 | .1 | .1 | | | | | | 12.7 | 7.7 |
| NNE | 2.2 | 3.3 | 2.7 | .9 | | | | | | | | 9.0 | 6.2 |
| NE | 1.1 | 1.6 | 1.4 | .4 | | | | | | | | 4.6 | 6.1 |
| ENE | .2 | .4 | .2 | .1 | .2 | .1 | | | | | | 1.3 | 10.1 |
| E | .8 | .8 | .2 | | | | | | | | | 1.7 | 3.9 |
| ESE | 1.2 | .9 | .3 | .1 | .1 | | | | | | | 2.6 | 4.8 |
| SE | .8 | .7 | .4 | .4 | | | | | | | | 2.1 | 5.5 |
| SSE | .8 | 1.2 | .9 | | | | | | | | | 2.8 | 5.1 |
| S | .5 | 2.6 | 3.5 | 2.3 | .7 | .1 | | | | | | 9.7 | 9.4 |
| SSW | .4 | 2.2 | 3.9 | 1.7 | .5 | .1 | | | | | | 8.9 | 8.9 |
| SW | .4 | 1.5 | 2.7 | 1.1 | | .1 | | | | | | 5.9 | 8.6 |
| WSW | .5 | .5 | 1.5 | 1.1 | .2 | | | | | | | 3.9 | 8.9 |
| W | .5 | 1.7 | 1.3 | 1.5 | .4 | | | | | | | 5.6 | 8.8 |
| WNW | .2 | 1.6 | 2.0 | 1.3 | .1 | | | | | | | 5.2 | 8.7 |
| NW | .8 | 1.3 | 1.7 | 2.4 | .1 | | | | | | | 6.3 | 8.9 |
| NNW | 1.1 | 1.3 | 3.1 | 4.2 | .4 | | | | | | | 10.1 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.4 | |
| | 13.6 | 24.4 | 31.4 | 19.7 | 2.9 | .5 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS

918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 2.5 | 5.1 | 2.1 | | | | | | | | 10.6 | 8.1 |
| NNE | 1.1 | 1.9 | 1.4 | .9 | | | | | | | | 5.3 | 6.5 |
| NE | .2 | 2.1 | .7 | .1 | | | | | | | | 3.1 | 5.9 |
| ENE | .5 | .4 | .4 | .1 | | | | | | | | 1.5 | 5.7 |
| E | .7 | .9 | .4 | .3 | | | | | | | | 2.3 | 6.0 |
| ESE | .3 | .8 | .8 | .8 | .1 | | | | | | | 2.7 | 6.0 |
| SE | .4 | .7 | .7 | .2 | | | | | | | | 2.0 | 6.3 |
| SSE | 1.2 | 1.3 | 1.8 | .7 | | | | | | | | 4.9 | 6.9 |
| S | 1.2 | 4.1 | 9.2 | 2.4 | 1.1 | .1 | | | | | | 18.1 | 8.7 |
| SSW | | 1.9 | 4.6 | 2.8 | .1 | | | | | | | 9.4 | 9.3 |
| SW | .2 | .9 | 1.3 | 1.0 | .1 | | | | | | | 3.5 | 8.8 |
| WSW | .2 | 1.0 | 1.2 | 1.4 | .2 | .1 | | | | | | 4.2 | 10.1 |
| W | .7 | 1.2 | 2.7 | 1.9 | .1 | | | | | | | 6.6 | 8.6 |
| WNW | .1 | .8 | 3.0 | 2.2 | .4 | .1 | | | | | | 6.6 | 10.8 |
| NW | .5 | 1.1 | 2.7 | 3.0 | .3 | | | | | | | 7.7 | 10.0 |
| NNW | .4 | 1.5 | 3.0 | 3.8 | .3 | | | | | | | 9.1 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.5 | |
| | 8.8 | 22.9 | 39.0 | 23.7 | 2.8 | .3 | | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS

913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.5 | 3.3 | 2.0 | .2 | | | | | | | 8.1 | 8.0 |
| NNE | .5 | 2.3 | 1.6 | .4 | | | | | | | | 4.9 | 6.5 |
| NE | .4 | .8 | .7 | .1 | | | | | | | | 2.0 | 5.9 |
| ENE | .2 | .7 | .7 | .1 | | | | | | | | 1.6 | 6.5 |
| E | .2 | 2.2 | .4 | .2 | | | | | | | | 3.1 | 6.1 |
| ESE | .7 | .9 | 1.1 | .1 | | | | | | | | 2.7 | 5.7 |
| SE | .5 | .8 | .7 | .3 | | | | | | | | 2.3 | 6.3 |
| SSE | .9 | 3.1 | 1.8 | .3 | | | | | | | | 6.0 | 6.1 |
| S | 1.4 | 8.4 | 10.2 | 2.0 | .7 | .3 | | | | | | 23.0 | 7.7 |
| SSW | .9 | 3.5 | 4.2 | .7 | .2 | .1 | | | | | | 9.5 | 7.3 |
| SW | .3 | 2.0 | 1.2 | .7 | | | | | | | | 4.2 | 7.0 |
| WSW | .2 | 1.9 | .9 | .8 | .3 | | | | | | | 4.0 | 8.5 |
| W | .3 | 1.1 | 1.4 | .8 | .2 | | | | | | | 3.8 | 8.9 |
| WNW | .5 | 1.4 | 1.8 | 1.3 | | | | | | | | 5.0 | 8.2 |
| NW | .3 | 1.5 | 3.0 | 2.3 | .1 | | | | | | | 7.2 | 9.0 |
| NNW | .1 | 2.4 | 5.0 | 2.5 | .1 | | | | | | | 10.2 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.3 | |
| | 8.8 | 39.4 | 37.7 | 19.6 | 1.9 | .4 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
DOORS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 2.6 | 2.0 | 1.5 | | | | | | | | 8.5 | 6.4 |
| NNE | 1.0 | 1.1 | .9 | | .1 | | | | | | | 3.1 | 5.3 |
| NE | .5 | .9 | .3 | .3 | | | | | | | | 2.1 | 5.9 |
| ENE | .9 | .3 | .7 | .1 | | | | | | | | 2.0 | 5.3 |
| E | 1.8 | 1.0 | .5 | .2 | | | | | | | | 3.5 | 4.7 |
| ESE | 1.0 | .5 | .5 | .3 | .2 | | | | | | | 2.6 | 6.0 |
| SE | .2 | .5 | .1 | .2 | | | | | | | | 1.1 | 6.1 |
| SSE | 2.0 | 1.9 | .5 | .2 | | | | | | | | 4.6 | 4.6 |
| S | 5.8 | 7.0 | 3.8 | 1.0 | .5 | .3 | | | | | | 18.6 | 5.8 |
| SSW | 2.5 | 2.9 | 1.6 | 1.0 | | | | | | | | 8.0 | 5.7 |
| SW | 1.6 | 1.2 | 1.6 | .5 | | | | | | | | 5.0 | 6.0 |
| WSW | 1.2 | 1.6 | .7 | | | | | | | | | 3.5 | 4.7 |
| W | 1.3 | 1.1 | .9 | .2 | | | | | | | | 3.5 | 5.2 |
| WNW | 1.2 | 2.0 | 1.2 | .2 | .1 | | | | | | | 4.7 | 5.8 |
| NW | .8 | 2.4 | 2.3 | .3 | | | | | | | | 5.8 | 6.5 |
| NNW | 1.0 | 3.2 | 2.4 | .7 | | | | | | | | 7.2 | 6.5 |
| VARB. | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.1 | |
| | 25.1 | 30.3 | 20.2 | 6.9 | 1.0 | .3 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

743920

BRUNSWICK NAS ME

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

2100-2300

GROUP (L&T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 3.3 | 1.5 | .5 | .1 | | | | | | | 7.7 | 5.6 |
| NNE | 1.8 | 1.1 | 1.6 | .4 | | | | | | | | 4.9 | 5.9 |
| NE | .7 | 1.1 | 1.2 | .3 | | | | | | | | 3.3 | 6.3 |
| NNE | .4 | .3 | .1 | | | | | | | | | .9 | 4.0 |
| E | .4 | .9 | .7 | .1 | | | | | | | | 2.1 | 6.3 |
| ESE | .2 | .4 | .5 | .3 | | | | | | | | 1.5 | 7.5 |
| SE | .3 | .4 | | .1 | | | | | | | | .9 | 4.4 |
| SSE | .9 | .9 | .2 | | | | | | | | | 2.0 | 4.0 |
| S | 2.2 | 4.6 | 1.8 | 1.8 | .3 | .2 | .1 | | | | | 10.9 | 7.3 |
| SSW | 1.2 | 2.7 | 1.9 | 1.0 | .1 | | | | | | | 6.9 | 6.8 |
| SW | .8 | 2.2 | 1.9 | .4 | | | | | | | | 5.3 | 6.4 |
| WSW | 1.8 | 1.6 | 1.1 | .3 | | | | | | | | 4.8 | 5.4 |
| W | .8 | 3.0 | .2 | | | | | | | | | 3.9 | 4.6 |
| WNW | 1.5 | 2.1 | 1.4 | .1 | .1 | | | | | | | 5.3 | 5.9 |
| NW | 1.2 | 1.4 | 1.3 | .2 | | | | | | | | 4.2 | 5.8 |
| NNW | 2.1 | 1.8 | 1.4 | 1.0 | .1 | | | | | | | 6.3 | 6.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.2 | |
| | 18.4 | 27.8 | 16.8 | 6.7 | .8 | .2 | .1 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS

914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEAR

OCT
MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.0 | 3.6 | 3.3 | 1.3 | .1 | .0 | | | | | | 11.2 | 6.2 |
| NNE | 1.5 | 1.8 | 1.5 | .5 | .0 | | | | | | | 5.4 | 5.9 |
| NE | .6 | 1.1 | .9 | .2 | | | | | | | | 2.9 | 6.2 |
| NNE | .4 | .4 | .4 | .2 | .0 | .0 | | | | | | 1.4 | 6.5 |
| E | .7 | .8 | .3 | .2 | .0 | | | | | | | 2.1 | 5.5 |
| ESE | .5 | .5 | .5 | .3 | .1 | | | | | | | 1.8 | 6.6 |
| SE | .4 | .5 | .3 | .2 | | | | | | | | 1.3 | 5.7 |
| SSE | 1.1 | 1.3 | .8 | .2 | .0 | | | | | | | 3.4 | 5.5 |
| S | 2.0 | 4.3 | 4.6 | 1.5 | .5 | .2 | .0 | | | | | 13.0 | 7.5 |
| SSW | 1.2 | 2.4 | 2.9 | 1.4 | .2 | .0 | | | | | | 8.1 | 7.5 |
| SW | .7 | 1.9 | 1.7 | .6 | .0 | .0 | | | | | | 4.9 | 6.9 |
| WSW | .9 | 1.3 | 1.0 | .5 | .1 | .0 | | | | | | 3.8 | 6.8 |
| W | .9 | 1.7 | 1.0 | .6 | .1 | | | | | | | 4.4 | 6.5 |
| WWW | .8 | 1.5 | 1.5 | .7 | .1 | .0 | | | | | | 4.6 | 7.3 |
| NW | .8 | 1.7 | 1.9 | 1.2 | .1 | | | | | | | 5.7 | 7.7 |
| NNW | 1.5 | 2.5 | 2.8 | 1.8 | .1 | | | | | | | 8.8 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.3 | |
| | 17.2 | 27.3 | 25.2 | 11.3 | 1.9 | .3 | .0 | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS

7321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.6 | 5.3 | 2.8 | .8 | .1 | | | | | | | 13.6 | 5.3 |
| NNE | 3.5 | 3.6 | .7 | .8 | | | | | | | | 8.6 | 4.8 |
| NE | 1.1 | .7 | .1 | .1 | | | | | | | | 2.0 | 3.9 |
| ENE | .6 | 1.1 | .2 | .1 | | | | | | | | 2.0 | 5.3 |
| E | .6 | .3 | .2 | | | | | | | | | 1.1 | 4.8 |
| ESE | | .7 | .2 | .1 | | | | | | | | 1.0 | 7.0 |
| SE | .1 | .2 | .5 | .2 | | | | | | | | 1.0 | 8.7 |
| SSE | .1 | .6 | .7 | .2 | .1 | | | | | | | 1.7 | 8.1 |
| S | 1.1 | 1.0 | 1.4 | 1.1 | .3 | .1 | | | | | | 5.1 | 8.8 |
| SSW | 1.0 | 1.6 | 1.6 | .6 | | | | | | | | 4.7 | 6.6 |
| SW | .7 | 1.7 | 2.7 | .7 | | | | | | | | 5.7 | 7.1 |
| WSW | 1.5 | .9 | 1.6 | .6 | | | | | | | | 4.8 | 6.3 |
| W | 1.2 | 2.1 | 1.0 | .2 | | | | | | | | 4.6 | 8.8 |
| WWW | 1.4 | 1.9 | 1.0 | .3 | | | | | | | | 4.6 | 8.8 |
| NW | 1.1 | 1.2 | 1.5 | 1.0 | .1 | | | | | | | 5.0 | 7.8 |
| NNW | 3.0 | 1.9 | 1.0 | .9 | | | | | | | | 6.9 | 8.2 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.8 | |
| | 21.6 | 24.9 | 17.1 | 7.8 | .7 | .1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME

69-70,73-80

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.9 | 4.0 | 3.3 | 1.8 | | | | | | | | 13.0 | 6.2 |
| NNE | 2.1 | 4.6 | 1.8 | .6 | | | | | | | | 9.1 | 5.6 |
| NE | .6 | 1.3 | .1 | | | | | | | | | 2.0 | 4.2 |
| NNE | .3 | .6 | .2 | | | | | | | | | 1.3 | 5.1 |
| E | .2 | .6 | .6 | .1 | | | | | | | | 1.5 | 6.4 |
| ESE | .1 | .1 | .7 | .2 | | | | | | | | 1.1 | 6.9 |
| SE | .2 | .2 | .1 | | | | | | | | | .6 | 5.8 |
| SSE | .3 | .3 | .3 | .1 | .1 | | | | | | | 1.2 | 6.9 |
| S | .2 | 1.7 | 1.8 | .7 | .2 | .2 | | | | | | 4.8 | 7.8 |
| SSW | .4 | 1.7 | 1.9 | .6 | | | | | | | | 4.6 | 7.2 |
| SW | .7 | 2.0 | 2.2 | .1 | | | | | | | | 5.1 | 6.4 |
| WSW | 1.6 | 1.9 | 1.8 | .7 | | | | | | | | 5.6 | 6.1 |
| W | 1.7 | 1.7 | 1.8 | | | | | | | | | 5.2 | 6.2 |
| WNW | .7 | 1.1 | .8 | 1.1 | | | | | | | | 3.7 | 7.9 |
| NW | 1.6 | .8 | 1.1 | .8 | .3 | | | | | | | 4.6 | 7.1 |
| NNW | 3.4 | 2.2 | 1.0 | 1.2 | | | | | | | | 7.9 | 5.4 |
| VARS | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.7 | |
| | 18.1 | 25.1 | 19.2 | 8.8 | .7 | .2 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS

891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

ALL WEATHER

0600-0800

MOON (L&T)

CLAR

CONDITIO

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 6.1 | 5.7 | 4.2 | .7 | .1 | | | | | | | 16.7 | 5.3 |
| NNE | 1.8 | 4.3 | 2.0 | .8 | | | | | | | | 8.9 | 5.9 |
| NE | .8 | 1.8 | .4 | | | | | | | | | 3.0 | 4.7 |
| ENE | .4 | .9 | .1 | | | | | | | | | 1.3 | 4.5 |
| E | .6 | .2 | .4 | .1 | | | | | | | | 1.3 | 5.3 |
| ESE | .1 | .4 | .3 | .2 | .1 | | | | | | | 1.2 | 6.6 |
| SE | | .3 | .2 | .1 | | | | | | | | .7 | 7.8 |
| SSE | .3 | .6 | .1 | .2 | | | | | | | | 1.2 | 5.9 |
| S | 1.0 | 1.9 | 1.0 | .8 | .4 | .2 | | | | | | 5.4 | 6.3 |
| SSW | .6 | 2.0 | 1.9 | .4 | .2 | | | | | | | 5.2 | 7.3 |
| SW | .3 | 1.7 | 1.7 | .3 | .1 | | | | | | | 4.2 | 7.3 |
| WSW | 1.1 | 1.6 | 1.9 | .2 | | | | | | | | 4.8 | 6.0 |
| W | .8 | 1.8 | 1.6 | .1 | | | | | | | | 4.3 | 5.9 |
| WWW | 1.6 | 1.1 | .9 | .8 | .1 | | | | | | | 4.5 | 6.8 |
| WV | 1.0 | .6 | 1.3 | .6 | .1 | | | | | | | 3.6 | 7.3 |
| WNW | 2.7 | 2.7 | 2.0 | .4 | .3 | .1 | | | | | | 6.3 | 6.0 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.3 | |
| | 19.2 | 27.6 | 20.2 | 5.8 | 1.6 | .3 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.5 | 4.6 | 4.4 | 2.2 | .2 | .1 | | | | | | 15.0 | 6.9 |
| NNE | 2.9 | 3.6 | 3.0 | .7 | .2 | | | | | | | 10.4 | 6.1 |
| NE | .8 | 2.0 | 1.3 | .1 | | | | | | | | 4.3 | 5.5 |
| ENE | .8 | .2 | .7 | | | | | | | | | 1.7 | 5.3 |
| E | .6 | .9 | .4 | .7 | | | | | | | | 2.6 | 7.0 |
| ESE | | 1.3 | .4 | | | | | | | | | 1.8 | 5.7 |
| SE | .3 | .3 | .2 | | .2 | | | | | | | 1.1 | 7.5 |
| SSE | .4 | .2 | .7 | .2 | | | | | | | | 1.6 | 7.0 |
| S | 1.6 | 1.7 | 3.6 | 1.0 | .6 | | | | | | | 8.4 | 8.0 |
| SSW | .3 | 1.5 | 2.5 | 1.9 | .1 | | | | | | | 6.3 | 9.1 |
| SW | .3 | 1.0 | 1.8 | .8 | .1 | .1 | | | | | | 4.1 | 8.9 |
| WSW | 1.2 | 2.0 | 2.5 | 1.0 | | | | | | | | 6.7 | 7.0 |
| W | 1.1 | 1.1 | 3.3 | 1.6 | .3 | .1 | | | | | | 7.5 | 8.7 |
| WNW | .3 | 1.5 | 1.6 | .9 | .4 | | .1 | | | | | 4.8 | 9.2 |
| NW | .8 | .4 | 1.8 | 1.8 | .1 | .2 | | | | | | 5.2 | 10.0 |
| NNW | 1.9 | 2.1 | 3.1 | 1.9 | 1.1 | | | | | | | 10.2 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.3 | |
| | 16.9 | 24.6 | 31.3 | 19.8 | 3.5 | .6 | .1 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 3.1 | 4.3 | 2.2 | .2 | | | | | | | 11.8 | 7.7 |
| NNE | 1.0 | 2.8 | 1.9 | .3 | | | | | | | | 6.1 | 5.9 |
| NE | .3 | 2.0 | .5 | | | | | | | | | 2.8 | 5.2 |
| ENE | .6 | .7 | .9 | .1 | | | | | | | | 2.3 | 6.1 |
| E | .9 | .6 | .7 | | | | | | | | | 2.2 | 5.1 |
| ESE | .8 | .9 | .3 | .1 | | | | | | | | 2.2 | 5.2 |
| SE | .3 | 1.1 | .3 | .1 | | | | | | | | 1.9 | 5.7 |
| SSE | .5 | 1.5 | .9 | | | | | | | | | 2.8 | 5.7 |
| S | .5 | 4.1 | 4.6 | 1.8 | .2 | | | | | | | 11.2 | 7.7 |
| SSW | .6 | 2.6 | 4.4 | 2.0 | .7 | | | | | | | 10.3 | 8.9 |
| SW | .3 | .7 | 2.5 | .7 | .5 | | | | | | | 4.6 | 9.2 |
| WSW | .5 | .9 | 1.8 | 1.5 | .3 | | | | | | | 5.0 | 9.3 |
| W | .6 | 1.5 | 4.0 | 2.5 | .5 | | | | | | | 8.9 | 9.5 |
| WNW | .3 | 1.1 | 1.9 | 2.0 | .6 | | | | | | | 6.0 | 10.4 |
| NW | .3 | 1.7 | 2.8 | 2.6 | .6 | | | | | | | 8.0 | 9.9 |
| NNW | .5 | 2.2 | 5.0 | 2.3 | .2 | | | | | | | 10.1 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.7 | |
| | 10.0 | 27.4 | 36.9 | 18.2 | 3.7 | | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 883

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.5 | 4.5 | 1.4 | | | | | | | | 10.4 | 7.3 |
| NNE | 1.5 | 2.3 | 1.0 | .5 | | | | | | | | 5.2 | 5.5 |
| NE | 1.7 | 1.2 | .1 | | | | | | | | | 3.0 | 3.7 |
| ENE | .7 | .9 | .7 | | | | | | | | | 2.3 | 5.1 |
| E | 1.2 | .8 | .6 | .3 | | | | | | | | 2.9 | 5.6 |
| ESE | .2 | 1.4 | .2 | | .1 | | | | | | | 1.9 | 5.8 |
| SE | .1 | 1.2 | .3 | | | | | | | | | 1.7 | 5.3 |
| SSE | 1.2 | 1.6 | .9 | .2 | | | | | | | | 3.9 | 5.4 |
| S | 3.0 | 5.6 | 4.2 | 1.5 | | | | | | | | 14.3 | 6.2 |
| SSW | 1.1 | 3.9 | 2.7 | 1.2 | .1 | | | | | | | 9.1 | 7.0 |
| SW | .6 | 1.8 | 2.3 | .5 | .1 | | | | | | | 5.2 | 7.1 |
| WSW | .8 | .8 | 1.7 | 1.2 | .1 | | | | | | | 4.6 | 8.4 |
| W | 1.0 | 1.2 | 1.8 | 1.5 | .2 | | | | | | | 5.7 | 7.9 |
| WNW | .8 | 2.1 | 1.5 | 1.5 | .1 | | | | | | | 6.0 | 8.0 |
| NW | .7 | 2.5 | 2.5 | 1.4 | .3 | | | | | | | 7.3 | 8.0 |
| NNW | .8 | 2.6 | 3.8 | 2.4 | .3 | | | | | | | 9.9 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 17.5 | 32.4 | 28.7 | 13.4 | 1.5 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS

888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
DOWNS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.9 | 3.4 | 3.4 | 1.4 | | | | | | | | 11.1 | 6.4 |
| NNE | 1.6 | 2.0 | .5 | .5 | | | | | | | | 4.5 | 5.3 |
| NE | 1.1 | .7 | .5 | | | | | | | | | 2.3 | 4.2 |
| ENE | .8 | .9 | .1 | | | | | | | | | 1.8 | 3.9 |
| E | 1.0 | .7 | .6 | .3 | | | | | | | | 2.6 | 5.3 |
| ESE | .1 | .2 | .7 | .2 | | | | | | | | 1.2 | 6.5 |
| SE | .1 | .9 | .2 | | | | | | | | | 1.2 | 5.0 |
| SSE | 1.5 | .6 | .3 | .3 | .1 | | | | | | | 2.8 | 5.8 |
| S | 2.9 | 3.5 | 1.0 | 1.6 | .5 | | | | | | | 9.5 | 6.5 |
| SSW | 1.4 | 2.9 | 1.5 | .9 | | | | | | | | 6.7 | 6.0 |
| SW | 1.0 | 2.0 | 1.6 | .8 | | | | | | | | 5.4 | 6.6 |
| WSW | 1.1 | 1.8 | .9 | .5 | | | | | | | | 4.3 | 5.7 |
| W | 1.4 | 1.7 | .9 | .3 | | | | | | | | 4.3 | 5.4 |
| WNW | .8 | 1.6 | 1.4 | .3 | | | | | | | | 4.1 | 6.6 |
| NW | .9 | 2.0 | 2.0 | .6 | .3 | | | | | | | 5.9 | 7.3 |
| NNW | 1.5 | 3.2 | 3.2 | 1.4 | | | | | | | | 9.2 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.1 | |
| | 20.1 | 28.2 | 18.7 | 9.0 | .9 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS

889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

703920 STATION BRUNSWICK NAS ME 69-70, 73-80 NOV
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.6 | 5.3 | 2.1 | .6 | | | | | | | | 12.7 | 4.9 |
| NNE | 2.3 | 2.8 | .9 | .6 | | | | | | | | 6.6 | 5.2 |
| NE | .5 | 1.0 | .3 | .1 | | | | | | | | 1.9 | 5.2 |
| ENE | .5 | .6 | | .1 | | | | | | | | 1.1 | 4.7 |
| E | .3 | .3 | .2 | .1 | | | | | | | | 1.0 | 5.6 |
| ESE | .2 | .5 | .2 | .6 | .1 | | | | | | | 1.6 | 8.8 |
| SE | .2 | .6 | .2 | .1 | | | | | | | | 1.1 | 5.7 |
| SSE | .5 | .7 | .9 | | .1 | | | | | | | 2.1 | 6.3 |
| S | 1.7 | 1.7 | 2.1 | 1.7 | .7 | .1 | | | | | | 8.0 | 8.5 |
| SSW | .9 | 1.1 | .9 | .3 | | | | | | | | 3.3 | 6.2 |
| SW | .9 | 1.9 | 1.9 | 1.1 | | | | | | | | 5.9 | 7.3 |
| WSW | .9 | 1.8 | 1.7 | .2 | | | | | | | | 4.6 | 6.1 |
| W | 1.9 | 2.0 | 1.5 | .5 | | | | | | | | 5.9 | 5.7 |
| WNW | .6 | 1.7 | 1.0 | .8 | .2 | | | | | | | 4.3 | 7.3 |
| NW | 1.5 | .9 | 1.8 | 1.0 | | | | | | | | 5.2 | 7.1 |
| NNW | 2.1 | 1.7 | 2.7 | .7 | .1 | | | | | | | 7.4 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.3 | |
| | 19.6 | 24.7 | 18.7 | 8.5 | 1.2 | .1 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920

BRUNSWICK NAS ME

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

GROUP (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.7 | 4.2 | 3.6 | 1.4 | .1 | .0 | | | | | | 13.0 | 6.2 |
| NNE | 2.1 | 3.3 | 1.5 | .6 | .0 | | | | | | | 7.4 | 5.6 |
| NE | .9 | 1.4 | .4 | .0 | | | | | | | | 2.7 | 4.6 |
| ENE | .6 | .8 | .4 | .0 | | | | | | | | 1.7 | 5.1 |
| E | .7 | .5 | .5 | .2 | | | | | | | | 1.9 | 5.7 |
| ESE | .2 | .7 | .4 | .2 | .0 | | | | | | | 1.5 | 7.0 |
| SE | .2 | .6 | .3 | .1 | .0 | | | | | | | 1.2 | 6.2 |
| SSE | .6 | .7 | .6 | .2 | .1 | | | | | | | 2.2 | 6.2 |
| S | 1.5 | 2.6 | 2.5 | 1.3 | .4 | .1 | | | | | | 6.3 | 7.5 |
| SSW | .8 | 2.2 | 2.2 | 1.0 | .1 | | | | | | | 6.3 | 7.5 |
| SW | .6 | 1.6 | 2.1 | .6 | .1 | .0 | | | | | | 5.0 | 7.4 |
| WSW | 1.1 | 1.5 | 1.7 | .7 | .1 | | | | | | | 5.0 | 6.9 |
| W | 1.2 | 1.6 | 2.0 | .8 | .1 | .0 | | | | | | 5.8 | 7.1 |
| WNW | .8 | 1.5 | 1.3 | 1.0 | .2 | | .0 | | | | | 4.7 | 7.9 |
| NW | 1.0 | 1.3 | 1.9 | 1.2 | .2 | .0 | | | | | | 5.6 | 8.2 |
| NNW | 2.0 | 2.3 | 2.7 | 1.4 | .3 | .0 | | | | | | 8.7 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.8 | |
| | 17.9 | 26.9 | 23.8 | 10.7 | 1.7 | .2 | .0 | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS

7101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 6.1 | 3.9 | 1.5 | .1 | | | | | | | 14.9 | 6.2 |
| NNE | 2.5 | 4.2 | 2.0 | 1.0 | | | | | | | | 9.6 | 6.0 |
| N | 1.1 | 1.2 | .7 | | | | | | | | | 3.0 | 4.9 |
| ENE | .1 | .3 | .1 | .1 | .1 | | | | | | | .8 | 8.3 |
| E | .5 | .1 | .2 | | | | | | | | | .9 | 4.3 |
| ESE | .1 | | | | | | | | | | | .1 | 2.0 |
| SE | .1 | | .1 | | .1 | | | | | | | .3 | 9.7 |
| SSE | .2 | .1 | .1 | .4 | .2 | .1 | | | | | | 1.2 | 12.2 |
| S | .9 | .5 | .8 | 1.0 | .3 | .1 | | | | | | 3.6 | 9.2 |
| SSW | 1.0 | 1.5 | 1.2 | 1.5 | .1 | .1 | | | | | | 5.5 | 8.3 |
| SW | 1.3 | 1.5 | 1.2 | .8 | .1 | | | | | | | 4.9 | 7.0 |
| WSW | 1.3 | 2.7 | .3 | | .1 | | | | | | | 4.5 | 4.6 |
| W | 1.8 | 2.1 | 1.2 | .3 | | | | | | | | 5.4 | 8.5 |
| WNW | .9 | 1.1 | 2.0 | 2.2 | .1 | | .1 | | | | | 6.4 | 9.1 |
| NW | 1.2 | 1.9 | 2.5 | 1.2 | .1 | | | | | | | 6.9 | 7.3 |
| NNW | 1.3 | 3.0 | 3.3 | 2.6 | .4 | | | | | | | 10.6 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.4 | |
| | 17.5 | 26.4 | 19.6 | 12.7 | 1.9 | .3 | .1 | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS

912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

ALL WEATHER

0300-0500

MOON (L.S.T.)

CLAS

COBITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.9 | 6.2 | 4.3 | 1.5 | | | | | | | | 16.0 | 6.1 |
| NNE | 2.8 | 2.6 | 2.4 | 1.7 | .1 | | | | | | | 9.7 | 6.6 |
| NE | .5 | 1.2 | .9 | | | | | | | | | 2.6 | 5.9 |
| ENE | | .4 | .1 | .1 | | | | | | | | .7 | 5.7 |
| E | .2 | .2 | | | | | | | | | | .4 | 4.3 |
| ESE | .1 | .3 | .1 | .1 | .1 | | | | | | | .8 | 7.4 |
| SE | .1 | .2 | | | | | | | | | | .3 | 4.7 |
| SSE | | .2 | .2 | .2 | .2 | .1 | | | | | | 1.0 | 13.6 |
| S | 1.1 | .5 | .8 | 1.1 | .1 | | | | | | | 3.6 | 7.8 |
| SSW | .7 | 1.5 | 1.1 | 2.1 | .3 | | | | | | | 5.7 | 8.8 |
| SW | .9 | 1.4 | 1.5 | .3 | | | | | | | | 4.1 | 6.1 |
| WSW | .9 | 1.5 | .7 | .1 | .1 | | | | | | | 3.3 | 5.6 |
| W | 2.1 | 1.2 | .9 | .3 | | | | | | | | 4.5 | 4.7 |
| WNW | 1.8 | 1.8 | 1.5 | 1.0 | .1 | | | | | | | 6.3 | 6.7 |
| NW | 1.1 | 1.8 | 1.8 | 1.8 | .3 | | | | | | | 7.0 | 8.2 |
| NNW | 2.3 | 3.3 | 2.4 | 2.7 | .3 | | | | | | | 11.0 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.3 | |
| | 18.5 | 24.6 | 18.7 | 13.2 | 1.7 | .1 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.0 | 6.1 | 4.6 | 1.5 | | | | | | | | 17.3 | 5.7 |
| NNE | 2.6 | 2.5 | 3.2 | 1.5 | .2 | | | | | | | 10.1 | 6.9 |
| NE | 1.1 | .8 | 1.3 | | | | | | | | | 3.2 | 5.3 |
| ENE | .1 | .4 | .1 | | | | | | | | | .7 | 5.2 |
| E | .1 | .2 | .1 | | | | | | | | | .4 | 6.0 |
| ESE | .2 | .1 | .3 | | .3 | | | | | | | 1.0 | 10.1 |
| SE | .1 | | .1 | .1 | | | | | | | | .3 | 9.3 |
| SSE | .5 | .3 | .1 | .8 | | .3 | | | | | | 2.1 | 10.4 |
| S | .5 | .8 | 1.1 | .5 | | | | | | | | 3.0 | 7.4 |
| SSW | .7 | 1.3 | 2.4 | 1.3 | | | | | | | | 5.7 | 8.0 |
| SW | .9 | 1.5 | 2.0 | .3 | | | | | | | | 4.7 | 6.8 |
| WSW | 1.1 | 1.3 | .3 | .1 | | .1 | | | | | | 3.0 | 5.2 |
| W | 1.2 | 1.2 | .8 | .8 | | .2 | | | | | | 4.2 | 7.3 |
| WNW | .8 | 1.9 | .8 | 1.2 | .4 | | | | | | | 5.0 | 8.1 |
| NW | 1.3 | 1.5 | 1.7 | 2.3 | .2 | | | | | | | 7.1 | 8.7 |
| NNW | 1.7 | 3.2 | 2.4 | 2.1 | .3 | | | | | | | 9.7 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.7 | |
| | 18.0 | 23.2 | 21.3 | 12.6 | 1.5 | .7 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS

915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

743920

BRUNSWICK NAS ME

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

TIME (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 3.2 | 4.1 | 6.6 | 2.0 | .2 | | | | | | | 16.1 | 7.3 |
| NNE | 1.7 | 3.9 | 3.9 | 2.0 | .2 | | | | | | | 11.7 | 7.4 |
| NE | .5 | 1.3 | 1.0 | .1 | | | | | | | | 2.9 | 6.1 |
| ENE | .4 | .8 | .2 | .1 | | | | | | | | 1.5 | 5.4 |
| E | .3 | .7 | .1 | .1 | | | | | | | | 1.2 | 5.2 |
| ESE | .3 | | .1 | .2 | .1 | .1 | | | | | | .9 | 11.3 |
| SE | .2 | | | .1 | | .1 | | | | | | .4 | 10.3 |
| SSE | .1 | .1 | .1 | .2 | .1 | .7 | | | | | | 1.3 | 17.2 |
| S | .7 | 1.0 | .9 | .7 | .1 | .1 | | | | | | 3.4 | 8.3 |
| SSW | .7 | .3 | 1.4 | 1.3 | | | | | | | | 3.7 | 8.7 |
| SW | .5 | 1.4 | 2.3 | 1.3 | .1 | | | | | | | 5.7 | 8.3 |
| WSW | .8 | 1.7 | 1.5 | .3 | | | | | | | | 4.3 | 6.3 |
| W | 1.1 | 1.2 | 1.8 | .9 | | | | | | | | 5.0 | 7.0 |
| WNW | .4 | .9 | 2.3 | 2.2 | .7 | | | | | | | 6.4 | 10.6 |
| NW | .5 | 2.0 | 3.4 | 2.3 | .8 | .2 | | | | | | 9.1 | 10.1 |
| NNW | 1.4 | 3.2 | 3.9 | 3.8 | .7 | | | | | | | 12.9 | 8.9 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.4 | |
| | 12.9 | 22.5 | 29.6 | 17.5 | 2.9 | 1.2 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS

920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 4.6 | 6.3 | 3.0 | .2 | .2 | | | | | | 15.1 | 8.5 |
| NNE | 1.8 | 1.9 | 3.4 | 1.4 | .2 | | | | | | | 8.7 | 7.5 |
| NE | 1.0 | .7 | 1.0 | .1 | | | | | | | | 2.7 | 5.3 |
| NNE | .4 | .4 | .4 | .1 | | | | | | | | 1.4 | 5.8 |
| E | .3 | .7 | .3 | .1 | | | | | | | | 1.4 | 5.9 |
| ESE | .1 | .2 | .2 | .2 | | | | | | | | .8 | 7.6 |
| SE | | .1 | | .2 | | | | | | | | .3 | 10.0 |
| SSE | .3 | .5 | .2 | .2 | .1 | .4 | | | | | | 1.9 | 11.2 |
| S | 1.8 | 2.3 | 2.4 | 1.0 | .1 | .3 | | | | | | 7.9 | 7.4 |
| SSW | .5 | 2.7 | 1.9 | 1.5 | | | | | | | | 6.7 | 7.3 |
| SW | .3 | 1.6 | 2.6 | .4 | | | | | | | | 5.1 | 7.5 |
| WSW | .8 | 1.1 | .3 | .3 | | | | | | | | 2.5 | 5.5 |
| W | .4 | 2.0 | 1.4 | 2.0 | | | | | | | | 5.8 | 8.8 |
| WW | .9 | 1.1 | 2.3 | 2.4 | .8 | | .1 | | | | | 7.6 | 10.4 |
| WNW | .3 | 1.6 | 3.3 | 4.1 | .9 | .2 | .1 | | | | | 10.5 | 11.0 |
| NNW | .4 | 3.5 | 5.2 | 5.8 | .7 | .1 | | | | | | 15.7 | 9.9 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.4 | |
| | 10.2 | 25.2 | 31.3 | 23.0 | 3.0 | 1.3 | .2 | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS

910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 5.0 | 3.9 | 1.7 | .1 | | .3 | | | | | 13.0 | 7.4 |
| NNE | 2.0 | 2.8 | 2.3 | .9 | .2 | | | | | | | 8.1 | 6.7 |
| NE | 1.1 | 1.4 | .4 | .2 | | | | | | | | 3.1 | 4.9 |
| ENE | .8 | .2 | | | | | | | | | | 1.0 | 2.7 |
| E | .5 | .3 | .3 | .2 | | | | | | | | 1.4 | 5.8 |
| ESE | .1 | .3 | .1 | .2 | .1 | | | | | | | .9 | 8.9 |
| SE | .1 | .5 | .2 | .2 | .1 | | | | | | | 1.2 | 8.0 |
| SSE | .5 | .4 | .4 | .2 | .1 | .3 | | | | | | 2.1 | 9.4 |
| S | 1.4 | 2.0 | .9 | .4 | .7 | | | | | | | 5.3 | 7.3 |
| SSW | 1.7 | 2.8 | 2.0 | 1.1 | .1 | | | | | | | 7.7 | 6.6 |
| SW | 1.0 | 1.4 | 1.6 | .5 | | | | | | | | 4.6 | 6.3 |
| WSW | .8 | 1.5 | 1.1 | .2 | | | | | | | | 3.6 | 5.9 |
| W | .7 | .5 | 1.4 | 1.4 | .4 | | | | | | | 4.5 | 9.8 |
| WNW | 1.1 | 2.2 | 1.4 | 1.8 | | .1 | | | | | | 6.6 | 8.2 |
| NW | .7 | 2.8 | 3.8 | 4.2 | .3 | .1 | | | | | | 11.9 | 9.4 |
| NNW | 1.2 | 3.3 | 4.6 | 3.4 | .5 | | | | | | | 12.9 | 8.7 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.1 | |
| | 15.5 | 27.6 | 24.4 | 16.8 | 2.7 | .5 | .3 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS

921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920

BRUNSWICK NAS ME

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

MOON (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 5.0 | 4.9 | 1.9 | .2 | | | | | | | 14.6 | 6.9 |
| NNE | 1.3 | 1.9 | 1.7 | 1.0 | .4 | .1 | | | | | | 6.4 | 7.8 |
| NE | .7 | .9 | .7 | | | | | | | | | 2.2 | 5.3 |
| ENE | .2 | .3 | .3 | | | | | | | | | .9 | 6.5 |
| E | .2 | .3 | .2 | | .2 | | | | | | | 1.0 | 8.4 |
| ESE | | .3 | .2 | .2 | .2 | | | | | | | 1.0 | 10.8 |
| SE | .1 | .2 | .3 | | | | | | | | | .7 | 6.2 |
| SSE | .1 | .1 | | 1.1 | .1 | .1 | | | | | | 1.5 | 13.1 |
| S | 1.7 | 1.7 | .7 | .2 | .2 | .1 | | | | | | 4.5 | 6.1 |
| SSW | 1.1 | 2.3 | 1.5 | 1.3 | .1 | | | | | | | 6.4 | 7.4 |
| SW | .6 | 1.2 | 1.0 | .4 | | | | | | | | 3.2 | 6.7 |
| WSW | .8 | 1.5 | .8 | .1 | | | | | | | | 3.2 | 5.2 |
| W | 1.1 | 1.9 | .3 | .3 | .1 | | | | | | | 3.8 | 5.8 |
| WNW | 1.0 | 1.3 | 2.2 | 1.8 | | .1 | | | | | | 6.4 | 8.4 |
| NW | .6 | 2.8 | 3.8 | 2.6 | .6 | | | | | | | 10.3 | 9.3 |
| NNW | 1.1 | 2.0 | 3.9 | 2.2 | .3 | .2 | | | | | | 9.7 | 8.6 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.3 | |
| | 13.1 | 23.7 | 22.4 | 13.2 | 2.5 | .7 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS

906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.6 | 5.2 | 4.5 | 1.2 | .3 | | | | | | | 15.9 | 6.1 |
| NNE | 1.9 | 2.5 | 3.1 | 1.2 | .1 | | | | | | | 8.8 | 7.1 |
| NE | 1.0 | 1.3 | .3 | | .1 | | | | | | | 2.8 | 5.0 |
| ENE | .6 | .3 | .1 | .1 | | | | | | | | 1.1 | 4.2 |
| E | .6 | .1 | .4 | | | | | | | | | 1.1 | 5.0 |
| ESE | .1 | | .3 | | .1 | | | | | | | .6 | 9.8 |
| SE | | .1 | | .3 | | .1 | | | | | | .6 | 13.8 |
| SSE | .1 | .1 | .4 | .8 | .1 | | | | | | | 1.5 | 10.7 |
| S | 1.0 | 1.0 | .8 | .4 | .3 | .2 | | | | | | 3.7 | 8.2 |
| SSW | .6 | .9 | 1.4 | 1.3 | .2 | .1 | | | | | | 4.5 | 9.2 |
| SW | .3 | 1.4 | 1.0 | .7 | | | | | | | | 3.4 | 7.5 |
| WSW | .8 | 1.9 | .9 | .1 | | | | | | | | 3.6 | 5.5 |
| W | 1.7 | 1.7 | 1.1 | .3 | | | | | | | | 4.7 | 5.3 |
| WNW | .8 | 1.9 | 1.5 | 1.0 | .2 | | | | | | | 5.1 | 7.8 |
| NW | .7 | 1.7 | 2.3 | 3.1 | .4 | | | | | | | 8.2 | 9.5 |
| NNW | 1.7 | 2.6 | 4.2 | 2.5 | .4 | | | | | | | 11.5 | 8.2 |
| VARS | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.9 | |
| | 15.9 | 22.7 | 22.5 | 13.1 | 2.4 | .4 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 5.3 | 4.9 | 1.8 | .2 | .0 | .0 | | | | | 15.3 | 6.7 |
| NNE | 2.1 | 2.8 | 2.7 | 1.3 | .2 | .0 | | | | | | 9.2 | 7.0 |
| NE | .9 | 1.1 | .8 | .1 | .0 | | | | | | | 2.8 | 5.3 |
| ENE | .3 | .4 | .2 | .1 | .0 | | | | | | | 1.0 | 5.4 |
| E | .4 | .3 | .2 | .1 | .0 | | | | | | | 1.0 | 5.7 |
| ESE | .1 | .2 | .2 | .1 | .1 | .0 | | | | | | .7 | 9.4 |
| SE | .1 | .2 | .1 | .1 | .0 | .0 | | | | | | .5 | 8.8 |
| SSE | .2 | .2 | .2 | .5 | .1 | .3 | | | | | | 1.6 | 11.8 |
| S | 1.1 | 1.2 | 1.0 | .7 | .2 | .1 | | | | | | 4.4 | 7.6 |
| SSW | .9 | 1.7 | 1.6 | 1.4 | .1 | .0 | | | | | | 5.7 | 7.9 |
| SW | .7 | 1.4 | 1.7 | .6 | .0 | | | | | | | 4.5 | 7.1 |
| WSW | .9 | 1.7 | .7 | .2 | .0 | .0 | | | | | | 3.5 | 5.5 |
| W | 1.2 | 1.5 | 1.1 | .8 | .1 | .0 | | | | | | 4.7 | 6.8 |
| WNW | .9 | 1.5 | 1.8 | 1.7 | .3 | .0 | .0 | | | | | 6.2 | 8.7 |
| NW | .8 | 2.0 | 2.8 | 2.7 | .5 | .1 | .0 | | | | | 8.9 | 9.3 |
| NNW | 1.4 | 3.0 | 3.7 | 3.1 | .5 | .0 | | | | | | 11.8 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.2 | |
| | 15.2 | 24.5 | 23.7 | 15.3 | 2.3 | .7 | .1 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 7311

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 3.4 | 2.9 | 1.5 | .2 | .0 | .0 | | | | | 10.6 | 6.8 |
| NNE | 1.4 | 2.1 | 1.5 | .7 | .1 | .0 | | | | | | 5.8 | 6.4 |
| NE | .8 | 1.2 | .7 | .2 | .0 | .0 | | | | | | 2.9 | 5.7 |
| ENE | .6 | .7 | .4 | .1 | .0 | .0 | | | | | | 1.9 | 5.7 |
| E | .7 | .8 | .4 | .1 | .0 | .0 | .0 | | | | | 2.0 | 5.3 |
| ESE | .5 | .6 | .4 | .1 | .0 | .0 | | | | | | 1.6 | 5.7 |
| SE | .4 | .6 | .3 | .1 | .0 | .0 | | | | | | 1.5 | 5.7 |
| SSE | .8 | 1.2 | 1.0 | .4 | .1 | .0 | .0 | | | | | 3.4 | 6.7 |
| S | 2.1 | 4.4 | 5.1 | 2.5 | .3 | .1 | .0 | | | | | 14.6 | 7.7 |
| SSW | 1.1 | 2.4 | 3.1 | 1.6 | .2 | .0 | .0 | | | | | 8.3 | 7.8 |
| SW | .7 | 1.4 | 1.4 | .5 | .0 | .0 | | | | | | 4.0 | 6.8 |
| WSW | .8 | 1.1 | .8 | .3 | .1 | .0 | | | | | | 3.1 | 6.4 |
| W | 1.1 | 1.4 | 1.1 | .6 | .1 | .0 | .0 | | | | | 4.3 | 6.8 |
| WNW | .7 | 1.3 | 1.6 | 1.1 | .2 | .0 | .0 | | | | | 4.9 | 6.4 |
| NW | .7 | 1.5 | 2.1 | 1.7 | .3 | .0 | .0 | | | | | 6.3 | 9.0 |
| NNW | 1.3 | 2.2 | 2.6 | 1.8 | .3 | .0 | .0 | | | | | 8.1 | 8.0 |
| VARBL | .0 | .0 | | | | | | | | | | .0 | 3.0 |
| CALM | | | | | | | | | | | | 16.4 | |
| | 16.1 | 26.3 | 25.4 | 13.4 | 2.0 | .4 | .0 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 86103

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

ALL
MONTH

INSTRUMENT
CLASS

ALL
MOON (L.B.V.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 4.2 | 4.8 | 2.5 | .3 | .0 | .0 | | | | | 13.5 | 7.8 |
| NNE | 1.6 | 3.1 | 2.7 | 1.3 | .1 | .0 | | | | | | 8.9 | 7.0 |
| NE | 1.2 | 2.3 | 1.5 | .5 | .1 | | | | | | | 5.6 | 6.2 |
| ENE | 1.0 | 1.7 | 1.3 | .5 | .1 | .0 | | | | | | 4.6 | 6.8 |
| E | 1.5 | 2.2 | 1.3 | .5 | .1 | .0 | .0 | | | | | 5.6 | 6.0 |
| ESE | 1.0 | 1.6 | 1.0 | .4 | .1 | .0 | | | | | | 4.2 | 6.5 |
| SE | .7 | 1.3 | .7 | .4 | .1 | .0 | | | | | | 3.1 | 6.5 |
| SSE | 1.1 | 1.9 | 1.5 | .9 | .3 | .2 | .0 | | | | | 5.9 | 8.0 |
| S | 2.1 | 5.0 | 5.8 | 2.9 | .8 | .3 | .1 | | | | | 17.0 | 8.4 |
| SSW | .9 | 2.3 | 2.9 | 1.5 | .2 | .0 | .0 | | | | | 7.9 | 8.0 |
| SW | .5 | .8 | .8 | .3 | .0 | | | | | | | 2.5 | 6.6 |
| WSW | .4 | .5 | .2 | .1 | .0 | | | | | | | 1.3 | 5.3 |
| W | .6 | .5 | .2 | .1 | .0 | | | | | | | 1.4 | 4.8 |
| WNW | .4 | .3 | .2 | .2 | .0 | .0 | | | | | | 1.2 | 6.4 |
| NW | .3 | .7 | .5 | .2 | .0 | .0 | | | | | | 1.7 | 7.0 |
| NNW | .8 | 1.4 | 1.2 | .6 | .1 | .0 | | | | | | 4.0 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.6 | |
| | 16.0 | 29.9 | 26.4 | 12.6 | 2.6 | .8 | .1 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 15004

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|----------|----------|----------|----------|---------------------|----------|---------------------|---------------------|----------|--------------------|--------------------|--------------------|--------------------|---------------------|----------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | $\geq 2\frac{1}{2}$ | ≥ 2 | $\geq 1\frac{1}{2}$ | $\geq 1\frac{1}{4}$ | ≥ 1 | $\geq \frac{3}{4}$ | $\geq \frac{1}{2}$ | $\geq \frac{1}{4}$ | $\geq \frac{1}{8}$ | $\geq \frac{1}{16}$ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | | | | | |
| 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| 1200 | | | | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | | | | | |
| 500 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| 400 | | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | | | |
| 100 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |
| 0 | | | | | | | | | | | | | | | | |

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

The "percentage frequency of occurrence of visibilities greater than or equal to ten (10) miles" category is small. This is due to a scarcity of reports by Brunswick NAS of visibilities greater than seven miles, consequently, these values must be disregarded or used with extreme caution!

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927

BRUNSWICK NAS ME

69-70,73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 16.7 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 | 52.4 |
| ≥ 20000 | 16.0 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 | 55.5 |
| IV 18000 | 16.0 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.0 | 55.0 | 55.0 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.7 |
| IV 16000 | 16.0 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.0 | 55.0 | 55.0 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.7 |
| IV 14000 | 16.0 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 | 55.8 |
| IV 12000 | 16.0 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.5 | 55.5 | 55.5 | 55.5 | 55.7 | 56.0 |
| IV 10000 | 17.0 | 57.6 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 58.0 | 58.0 | 58.0 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 | 58.6 |
| IV 9000 | 17.0 | 57.7 | 57.8 | 57.8 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.7 |
| IV 8000 | 17.6 | 61.1 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 62.1 |
| IV 7000 | 17.8 | 62.3 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.7 |
| IV 6000 | 18.3 | 63.1 | 63.4 | 63.4 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.4 |
| IV 5000 | 19.0 | 65.8 | 66.1 | 66.1 | 66.3 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.6 | 66.6 | 66.6 | 66.6 | 66.7 | 67.1 |
| IV 4500 | 19.1 | 66.4 | 66.7 | 66.7 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.7 |
| IV 4000 | 19.1 | 68.5 | 68.9 | 68.9 | 69.4 | 69.4 | 69.4 | 69.5 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 70.3 |
| IV 3500 | 19.2 | 69.6 | 70.0 | 70.0 | 70.5 | 70.5 | 70.5 | 70.6 | 70.7 | 70.7 | 70.9 | 70.9 | 70.9 | 70.9 | 71.0 | 71.4 |
| IV 3000 | 19.6 | 71.6 | 72.2 | 72.2 | 72.7 | 72.7 | 72.7 | 72.8 | 73.0 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.7 |
| IV 2500 | 19.9 | 73.2 | 74.1 | 74.1 | 74.5 | 74.5 | 74.5 | 74.6 | 74.9 | 75.0 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.6 |
| IV 2000 | 19.9 | 74.4 | 75.6 | 76.1 | 76.9 | 76.9 | 77.1 | 77.2 | 77.4 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.2 | 78.5 |
| IV 1800 | 19.9 | 74.5 | 75.7 | 76.3 | 77.2 | 77.2 | 77.3 | 77.4 | 77.6 | 77.9 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.7 |
| IV 1500 | 20.0 | 76.1 | 77.6 | 78.5 | 79.7 | 79.7 | 79.8 | 80.0 | 80.2 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.3 |
| IV 1200 | 20.0 | 76.3 | 77.8 | 78.8 | 80.2 | 80.4 | 80.5 | 80.8 | 81.0 | 81.4 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 82.2 |
| IV 1000 | 20.0 | 76.8 | 78.4 | 80.0 | 81.8 | 82.0 | 82.8 | 83.2 | 83.9 | 85.1 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.9 |
| IV 900 | 20.0 | 77.2 | 78.7 | 80.4 | 82.2 | 82.5 | 83.4 | 83.9 | 84.5 | 85.7 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.6 |
| IV 800 | 20.0 | 77.3 | 78.8 | 80.6 | 82.4 | 82.8 | 84.0 | 84.5 | 85.2 | 86.5 | 87.0 | 87.0 | 87.0 | 87.0 | 87.2 | 87.5 |
| IV 700 | 20.0 | 77.3 | 78.8 | 80.6 | 82.5 | 82.9 | 84.1 | 84.7 | 85.4 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.7 |
| IV 600 | 20.0 | 77.5 | 79.1 | 80.9 | 83.3 | 83.8 | 85.3 | 85.9 | 86.6 | 87.9 | 88.6 | 88.6 | 88.9 | 88.9 | 89.0 | 89.4 |
| IV 500 | 20.0 | 77.7 | 79.5 | 81.6 | 84.6 | 85.1 | 86.7 | 87.9 | 88.6 | 90.1 | 91.1 | 91.1 | 91.5 | 91.5 | 91.7 | 92.0 |
| IV 400 | 20.0 | 77.7 | 79.5 | 81.6 | 84.7 | 85.2 | 86.9 | 88.4 | 89.0 | 90.6 | 91.9 | 91.9 | 92.6 | 92.8 | 92.9 | 93.2 |
| IV 300 | 20.0 | 77.7 | 79.6 | 81.7 | 85.0 | 85.4 | 87.3 | 88.9 | 89.6 | 91.3 | 93.2 | 93.3 | 94.4 | 94.7 | 95.0 | 95.3 |
| IV 200 | 20.0 | 77.7 | 79.6 | 81.7 | 85.0 | 85.4 | 87.3 | 89.2 | 89.9 | 92.0 | 94.2 | 94.6 | 96.5 | 97.3 | 98.0 | 98.4 |
| IV 100 | 20.0 | 77.7 | 79.6 | 81.7 | 85.0 | 85.4 | 87.3 | 89.2 | 89.9 | 92.1 | 94.4 | 94.8 | 96.7 | 97.5 | 98.2 | 99.1 |
| IV 0 | 20.0 | 77.7 | 79.6 | 81.7 | 85.0 | 85.4 | 87.3 | 89.2 | 89.9 | 92.1 | 94.4 | 94.8 | 96.7 | 97.5 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 16.6 | 52.6 | 53.0 | 53.4 | 53.6 | 53.6 | 53.7 | 53.8 | 53.8 | 54.0 | 54.0 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 |
| ≥20000 | 16.8 | 56.2 | 56.6 | 56.9 | 57.2 | 57.2 | 57.3 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 |
| IV 18000 | 16.8 | 56.2 | 56.6 | 56.9 | 57.2 | 57.2 | 57.3 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 |
| IV 16000 | 16.8 | 56.2 | 56.6 | 56.9 | 57.2 | 57.2 | 57.3 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 |
| IV 14000 | 16.8 | 56.5 | 56.9 | 57.3 | 57.5 | 57.5 | 57.6 | 57.7 | 57.7 | 57.9 | 57.9 | 57.9 | 58.0 | 58.1 | 58.2 | 58.4 |
| IV 12000 | 16.8 | 57.0 | 57.5 | 57.8 | 58.0 | 58.0 | 58.1 | 58.2 | 58.2 | 58.5 | 58.5 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 |
| IV 10000 | 17.5 | 59.3 | 59.8 | 60.4 | 60.6 | 60.6 | 60.7 | 60.8 | 60.8 | 61.1 | 61.1 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 |
| IV 9000 | 17.5 | 59.7 | 60.1 | 60.7 | 61.0 | 61.0 | 61.1 | 61.2 | 61.2 | 61.4 | 61.4 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 |
| IV 8000 | 17.6 | 61.7 | 62.3 | 62.9 | 63.2 | 63.2 | 63.3 | 63.4 | 63.4 | 63.7 | 63.7 | 63.7 | 63.8 | 63.9 | 64.0 | 64.1 |
| IV 7000 | 17.7 | 63.1 | 63.7 | 64.3 | 64.6 | 64.6 | 64.9 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 |
| IV 6000 | 18.2 | 64.1 | 64.6 | 65.3 | 65.6 | 65.6 | 65.8 | 65.9 | 65.9 | 66.2 | 66.2 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 |
| IV 5000 | 18.8 | 65.8 | 66.4 | 67.0 | 67.4 | 67.4 | 67.6 | 67.7 | 67.7 | 67.9 | 67.9 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 |
| IV 4500 | 19.1 | 67.8 | 68.3 | 69.0 | 69.3 | 69.3 | 69.5 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 70.0 | 70.1 | 70.2 | 70.3 |
| IV 4000 | 19.4 | 69.8 | 70.4 | 71.1 | 71.6 | 71.6 | 71.8 | 71.9 | 71.9 | 72.1 | 72.1 | 72.1 | 72.2 | 72.3 | 72.5 | 72.6 |
| IV 3500 | 19.5 | 70.2 | 70.8 | 71.6 | 72.0 | 72.0 | 72.2 | 72.3 | 72.3 | 72.6 | 72.6 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 |
| IV 3000 | 20.0 | 72.1 | 72.9 | 73.8 | 74.2 | 74.2 | 74.5 | 74.6 | 74.6 | 74.8 | 74.8 | 74.8 | 74.9 | 75.1 | 75.2 | 75.3 |
| IV 2500 | 20.4 | 73.9 | 74.6 | 75.7 | 76.1 | 76.1 | 76.6 | 76.7 | 76.7 | 76.9 | 76.9 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 |
| IV 2000 | 20.4 | 75.7 | 76.8 | 78.1 | 78.6 | 78.6 | 79.2 | 79.3 | 79.3 | 79.5 | 79.5 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 |
| IV 1800 | 20.4 | 75.8 | 76.9 | 78.2 | 78.7 | 78.7 | 79.3 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 |
| IV 1500 | 20.4 | 76.8 | 78.4 | 79.7 | 80.6 | 80.6 | 81.6 | 81.8 | 81.8 | 82.0 | 82.0 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 |
| IV 1200 | 20.4 | 77.1 | 78.7 | 80.0 | 81.0 | 81.0 | 82.1 | 82.3 | 82.3 | 82.5 | 82.5 | 82.5 | 82.6 | 82.8 | 82.9 | 83.0 |
| IV 1000 | 20.4 | 77.7 | 79.3 | 81.2 | 82.2 | 82.3 | 84.2 | 84.9 | 84.9 | 85.4 | 85.4 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 |
| IV 900 | 20.4 | 77.9 | 79.6 | 81.7 | 82.6 | 83.0 | 84.8 | 85.8 | 85.8 | 86.3 | 86.3 | 86.3 | 86.4 | 86.6 | 86.7 | 86.8 |
| IV 800 | 20.4 | 78.0 | 79.8 | 81.9 | 82.9 | 83.2 | 85.1 | 86.4 | 86.4 | 87.0 | 87.0 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 |
| IV 700 | 20.4 | 78.0 | 79.9 | 82.0 | 83.0 | 83.3 | 85.2 | 86.7 | 86.8 | 87.4 | 87.5 | 87.5 | 87.6 | 87.7 | 87.9 | 88.0 |
| IV 600 | 20.4 | 78.2 | 80.3 | 82.3 | 83.4 | 83.7 | 86.0 | 87.5 | 87.6 | 88.3 | 88.6 | 88.6 | 88.8 | 88.9 | 89.0 | 89.2 |
| IV 500 | 20.4 | 78.3 | 80.6 | 82.9 | 85.0 | 85.4 | 88.0 | 89.9 | 90.1 | 91.1 | 91.5 | 91.5 | 91.9 | 92.0 | 92.1 | 92.2 |
| IV 400 | 20.4 | 78.3 | 80.6 | 82.9 | 85.1 | 85.5 | 88.3 | 90.5 | 90.8 | 91.8 | 92.6 | 92.7 | 93.5 | 93.9 | 94.0 | 94.1 |
| IV 300 | 20.4 | 78.3 | 80.6 | 82.9 | 85.4 | 85.7 | 88.7 | 91.0 | 91.3 | 92.4 | 93.4 | 93.5 | 94.9 | 95.7 | 95.8 | 95.9 |
| IV 200 | 20.4 | 78.3 | 80.6 | 82.9 | 85.4 | 85.7 | 88.7 | 91.0 | 91.4 | 92.8 | 94.6 | 94.9 | 97.1 | 97.8 | 98.2 | 98.3 |
| IV 100 | 20.4 | 78.3 | 80.6 | 82.9 | 85.4 | 85.7 | 88.7 | 91.0 | 91.4 | 92.8 | 94.6 | 94.9 | 97.2 | 97.9 | 98.6 | 99.2 |
| IV 0 | 20.4 | 78.3 | 80.6 | 82.9 | 85.4 | 85.7 | 88.7 | 91.0 | 91.4 | 92.8 | 94.6 | 94.9 | 97.2 | 97.9 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927

BRUNSWICK NAS ME

69-70,73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 15.7 | 50.2 | 51.4 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 52.0 |
| ≥ 20000 | 16.0 | 53.8 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.6 |
| ≥ 18000 | 16.0 | 53.8 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.6 |
| ≥ 16000 | 16.0 | 53.8 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.6 |
| ≥ 14000 | 16.0 | 53.8 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.6 |
| ≥ 12000 | 16.2 | 54.7 | 55.9 | 55.9 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.5 |
| ≥ 10000 | 16.7 | 58.4 | 59.7 | 59.7 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.2 |
| ≥ 9000 | 16.7 | 58.4 | 59.7 | 59.7 | 59.9 | 59.9 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.3 |
| ≥ 8000 | 17.5 | 61.1 | 62.5 | 62.5 | 62.7 | 62.7 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.2 |
| ≥ 7000 | 17.7 | 62.2 | 63.6 | 63.6 | 63.8 | 63.8 | 63.8 | 64.0 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.5 |
| ≥ 6000 | 18.6 | 63.7 | 65.2 | 65.2 | 65.4 | 65.4 | 65.5 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 66.0 |
| ≥ 5000 | 18.9 | 65.1 | 66.6 | 66.6 | 66.8 | 67.0 | 67.0 | 67.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.8 |
| IV 4500 | 19.1 | 66.3 | 67.8 | 67.8 | 68.0 | 68.2 | 68.2 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 69.0 |
| IV 4000 | 19.6 | 68.4 | 70.0 | 70.0 | 70.3 | 70.7 | 70.7 | 70.9 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.5 |
| IV 3500 | 19.8 | 69.5 | 71.1 | 71.1 | 71.9 | 71.9 | 72.1 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.7 |
| IV 3000 | 19.8 | 70.8 | 72.9 | 72.9 | 73.4 | 73.7 | 73.8 | 74.1 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.7 |
| IV 2500 | 19.8 | 71.5 | 74.1 | 74.1 | 75.2 | 75.3 | 75.5 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.3 |
| IV 2000 | 19.8 | 72.9 | 75.7 | 75.7 | 76.6 | 77.1 | 77.3 | 77.7 | 78.1 | 78.2 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.8 |
| IV 1800 | 19.8 | 73.2 | 76.0 | 76.9 | 77.5 | 77.6 | 78.0 | 78.5 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 79.1 |
| IV 1500 | 19.8 | 74.5 | 77.7 | 78.6 | 79.1 | 79.2 | 79.7 | 80.1 | 80.2 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.9 |
| IV 1200 | 19.8 | 74.9 | 78.1 | 79.0 | 79.6 | 79.8 | 80.2 | 80.8 | 80.9 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.5 |
| IV 1000 | 19.8 | 75.5 | 78.9 | 80.2 | 81.1 | 81.4 | 82.4 | 83.1 | 83.2 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.4 |
| IV 900 | 19.8 | 75.9 | 79.1 | 80.5 | 81.5 | 81.9 | 82.9 | 83.7 | 83.8 | 84.6 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.3 |
| IV 800 | 19.8 | 75.7 | 79.3 | 80.9 | 81.9 | 82.2 | 83.3 | 84.2 | 84.4 | 85.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.2 |
| IV 700 | 19.9 | 76.0 | 79.7 | 81.5 | 82.5 | 82.9 | 84.0 | 85.1 | 85.5 | 86.5 | 87.1 | 87.1 | 87.3 | 87.3 | 87.3 | 87.6 |
| IV 600 | 19.9 | 76.0 | 79.7 | 81.5 | 82.7 | 83.1 | 84.4 | 85.6 | 86.0 | 87.1 | 87.9 | 88.0 | 88.1 | 88.1 | 88.2 | 88.5 |
| IV 500 | 19.9 | 76.0 | 79.7 | 81.9 | 83.4 | 83.7 | 85.3 | 87.0 | 87.6 | 88.9 | 90.1 | 90.3 | 90.7 | 90.7 | 90.8 | 91.0 |
| IV 400 | 19.9 | 76.0 | 79.7 | 81.9 | 83.5 | 83.8 | 85.4 | 87.1 | 87.7 | 89.2 | 90.7 | 91.0 | 91.3 | 91.3 | 91.4 | 91.6 |
| IV 300 | 19.9 | 76.0 | 79.7 | 81.9 | 83.5 | 83.8 | 85.5 | 87.6 | 88.2 | 90.4 | 92.5 | 93.3 | 94.0 | 94.4 | 94.6 | 94.8 |
| IV 200 | 19.9 | 76.0 | 79.7 | 81.9 | 83.6 | 84.0 | 85.6 | 87.8 | 88.5 | 91.0 | 93.6 | 94.4 | 96.0 | 96.9 | 97.4 | 97.9 |
| IV 100 | 19.9 | 76.0 | 79.7 | 81.9 | 83.6 | 84.0 | 85.6 | 87.8 | 88.5 | 91.0 | 93.8 | 94.6 | 96.3 | 97.5 | 98.1 | 99.1 |
| IV 0 | 19.9 | 76.0 | 79.7 | 81.9 | 83.6 | 84.0 | 85.6 | 87.8 | 88.5 | 91.0 | 93.8 | 94.6 | 96.3 | 97.5 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 910

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743921
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.A.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 14.1 | 49.7 | 51.5 | 51.7 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.1 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 |
| ≥ 20000 | 14.7 | 55.8 | 57.9 | 58.2 | 58.3 | 58.3 | 58.3 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 18000 | 14.7 | 56.2 | 58.3 | 58.6 | 58.7 | 58.7 | 58.7 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 16000 | 14.7 | 56.3 | 58.4 | 58.7 | 58.8 | 58.8 | 58.8 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 14000 | 14.7 | 56.6 | 58.6 | 59.0 | 59.1 | 59.1 | 59.1 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 12000 | 15.0 | 58.2 | 60.3 | 60.6 | 60.7 | 60.7 | 60.7 | 61.0 | 61.0 | 61.0 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 10000 | 15.6 | 60.6 | 62.8 | 63.1 | 63.2 | 63.2 | 63.2 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 9000 | 15.6 | 60.9 | 63.1 | 63.4 | 63.5 | 63.5 | 63.5 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 8000 | 16.7 | 63.0 | 65.4 | 65.7 | 66.0 | 66.0 | 66.0 | 66.5 | 66.5 | 66.5 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 7000 | 17.0 | 64.7 | 67.1 | 67.5 | 67.8 | 67.8 | 67.8 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 6000 | 17.1 | 65.4 | 67.8 | 68.1 | 68.4 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 5000 | 17.4 | 66.5 | 69.1 | 69.4 | 69.8 | 69.9 | 70.1 | 70.7 | 70.7 | 70.7 | 70.9 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 4500 | 17.4 | 67.0 | 69.7 | 70.0 | 70.3 | 70.4 | 70.6 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 4000 | 17.5 | 68.8 | 71.4 | 71.8 | 72.3 | 72.4 | 72.6 | 73.3 | 73.3 | 73.3 | 73.4 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 3500 | 17.5 | 69.1 | 71.7 | 72.9 | 72.9 | 73.0 | 73.3 | 73.9 | 73.9 | 74.0 | 74.3 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 3000 | 17.5 | 70.7 | 73.8 | 74.7 | 75.1 | 75.2 | 75.4 | 76.1 | 76.1 | 76.2 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 2500 | 17.5 | 71.2 | 74.2 | 75.5 | 76.1 | 76.3 | 76.6 | 77.3 | 77.3 | 77.4 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 2000 | 17.5 | 72.7 | 76.0 | 77.4 | 78.1 | 78.3 | 78.6 | 79.4 | 79.4 | 79.6 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 1800 | 17.5 | 72.9 | 76.2 | 77.6 | 78.3 | 78.5 | 78.8 | 79.6 | 79.6 | 79.8 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 1500 | 17.5 | 73.7 | 77.1 | 78.5 | 79.3 | 79.5 | 80.0 | 80.9 | 80.9 | 81.2 | 81.6 | 81.6 | 81.7 | 81.8 | 81.8 | 81.8 |
| ≥ 1200 | 17.5 | 74.1 | 77.6 | 79.0 | 79.9 | 80.1 | 80.8 | 81.7 | 81.7 | 82.0 | 82.3 | 82.3 | 82.4 | 82.5 | 82.5 | 82.5 |
| ≥ 1000 | 17.5 | 74.6 | 78.6 | 80.1 | 81.1 | 81.6 | 82.4 | 83.8 | 84.0 | 84.5 | 84.9 | 84.9 | 85.0 | 85.2 | 85.2 | 85.2 |
| ≥ 900 | 17.5 | 74.7 | 78.7 | 80.2 | 81.2 | 81.7 | 82.5 | 84.0 | 84.1 | 84.7 | 85.3 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 |
| ≥ 800 | 17.5 | 74.9 | 79.0 | 80.6 | 81.9 | 82.5 | 83.4 | 84.9 | 85.0 | 85.9 | 86.6 | 86.6 | 86.7 | 86.8 | 86.8 | 86.8 |
| ≥ 700 | 17.5 | 75.0 | 79.1 | 81.1 | 82.2 | 82.9 | 84.0 | 85.6 | 85.9 | 87.0 | 87.8 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 |
| ≥ 600 | 17.5 | 75.0 | 79.1 | 81.1 | 82.3 | 83.0 | 84.1 | 85.9 | 86.4 | 87.6 | 88.3 | 88.3 | 88.6 | 88.8 | 88.8 | 88.8 |
| ≥ 500 | 17.5 | 75.0 | 79.1 | 81.1 | 83.0 | 83.6 | 85.2 | 87.1 | 87.9 | 89.6 | 90.7 | 90.7 | 91.3 | 91.5 | 91.6 | 91.6 |
| ≥ 400 | 17.5 | 75.0 | 79.1 | 81.1 | 83.0 | 83.6 | 85.4 | 87.6 | 88.5 | 90.6 | 91.8 | 91.8 | 92.8 | 93.2 | 93.3 | 93.3 |
| ≥ 300 | 17.5 | 75.0 | 79.1 | 81.1 | 83.0 | 83.6 | 85.4 | 87.9 | 88.9 | 91.0 | 92.8 | 92.9 | 95.1 | 96.0 | 96.1 | 96.2 |
| ≥ 200 | 17.5 | 75.0 | 79.1 | 81.1 | 83.0 | 83.6 | 85.4 | 87.9 | 88.9 | 91.3 | 93.2 | 93.7 | 96.4 | 97.9 | 98.0 | 98.3 |
| ≥ 100 | 17.5 | 75.0 | 79.1 | 81.1 | 83.0 | 83.6 | 85.4 | 87.9 | 88.9 | 91.3 | 93.2 | 93.7 | 96.5 | 98.3 | 98.5 | 99.1 |
| ≥ 0 | 17.5 | 75.0 | 79.1 | 81.1 | 83.0 | 83.6 | 85.4 | 87.9 | 88.9 | 91.3 | 93.2 | 93.7 | 96.5 | 98.3 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 916

USAF ETAC FORM 0-14-5 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 14.7 | 48.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 20000 | 14.1 | 55.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 18000 | 14.1 | 55.5 | 56.4 | 56.4 | 56.4 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 16000 | 14.1 | 55.5 | 56.4 | 56.4 | 56.4 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 14000 | 14.1 | 55.5 | 56.4 | 56.4 | 56.4 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 12000 | 14.2 | 56.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 10000 | 15.4 | 60.5 | 61.5 | 61.5 | 61.5 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 9000 | 15.8 | 61.4 | 62.5 | 62.5 | 62.5 | 62.6 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 8000 | 17.0 | 65.3 | 66.5 | 66.5 | 66.7 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 7000 | 17.4 | 66.9 | 68.2 | 68.2 | 68.5 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 6000 | 17.8 | 67.5 | 68.8 | 68.8 | 69.0 | 69.1 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 5000 | 17.8 | 68.9 | 70.3 | 70.3 | 70.7 | 70.9 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 4500 | 17.8 | 69.3 | 70.8 | 70.8 | 71.1 | 71.3 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 4000 | 18.2 | 71.1 | 72.7 | 72.8 | 73.2 | 73.4 | 74.0 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 3500 | 18.2 | 71.3 | 72.9 | 73.0 | 73.4 | 73.6 | 74.2 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 3000 | 18.2 | 73.6 | 75.5 | 75.9 | 76.4 | 76.7 | 77.3 | 77.5 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 2500 | 18.2 | 74.4 | 76.3 | 76.6 | 77.2 | 77.5 | 78.1 | 78.3 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 2000 | 18.2 | 75.7 | 77.7 | 78.2 | 79.1 | 79.4 | 80.0 | 80.3 | 80.3 | 80.5 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 1800 | 18.2 | 75.9 | 77.8 | 78.5 | 79.4 | 79.7 | 80.4 | 80.6 | 80.6 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 1500 | 18.2 | 76.4 | 78.5 | 79.4 | 80.6 | 80.9 | 81.8 | 82.4 | 82.4 | 82.6 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 1200 | 18.2 | 76.6 | 78.8 | 79.9 | 81.3 | 81.6 | 82.6 | 83.1 | 83.1 | 83.4 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 1000 | 18.2 | 77.1 | 79.6 | 80.9 | 82.5 | 82.8 | 84.5 | 85.1 | 85.1 | 85.4 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 900 | 18.2 | 77.1 | 79.7 | 81.1 | 82.7 | 83.0 | 84.8 | 85.4 | 85.4 | 85.8 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 |
| ≥ 800 | 18.2 | 77.4 | 80.0 | 81.5 | 83.2 | 83.6 | 85.4 | 86.7 | 86.9 | 87.5 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 |
| ≥ 700 | 18.2 | 77.6 | 80.3 | 81.7 | 83.7 | 84.0 | 86.2 | 88.1 | 88.3 | 89.0 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.9 |
| ≥ 600 | 18.2 | 77.7 | 80.4 | 81.8 | 84.0 | 84.3 | 86.7 | 88.8 | 89.2 | 90.0 | 90.8 | 90.8 | 90.8 | 90.8 | 91.0 | 91.1 |
| ≥ 500 | 18.2 | 77.7 | 80.4 | 81.9 | 84.1 | 84.6 | 87.2 | 90.2 | 90.7 | 92.0 | 92.9 | 92.9 | 93.1 | 93.1 | 93.2 | 93.3 |
| ≥ 400 | 18.2 | 77.7 | 80.5 | 82.0 | 84.2 | 84.7 | 87.3 | 90.3 | 91.0 | 92.3 | 93.8 | 93.8 | 94.2 | 94.3 | 94.4 | 94.5 |
| ≥ 300 | 18.2 | 77.7 | 80.5 | 82.0 | 84.3 | 84.9 | 87.7 | 90.6 | 91.3 | 93.4 | 95.5 | 95.6 | 96.3 | 96.7 | 96.8 | 96.9 |
| ≥ 200 | 18.2 | 77.7 | 80.5 | 82.0 | 84.3 | 84.9 | 87.7 | 90.6 | 91.3 | 93.5 | 95.7 | 95.8 | 96.8 | 97.6 | 97.8 | 97.9 |
| ≥ 100 | 18.2 | 77.7 | 80.5 | 82.0 | 84.3 | 84.9 | 87.7 | 90.6 | 91.3 | 93.5 | 95.7 | 95.8 | 96.8 | 97.8 | 98.2 | 99.1 |
| ≥ 0 | 18.2 | 77.7 | 80.5 | 82.0 | 84.3 | 84.9 | 87.7 | 90.6 | 91.3 | 93.5 | 95.7 | 95.8 | 96.8 | 97.8 | 98.2 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70,73-80

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 15.7 | 50.4 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| ≥ 20000 | 16.0 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| IV 18000 | 16.0 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| IV 16000 | 16.0 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| IV 14000 | 16.1 | 56.0 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| IV 12000 | 16.9 | 58.0 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| IV 10000 | 17.2 | 60.9 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 |
| IV 9000 | 17.2 | 61.6 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 |
| IV 8000 | 18.7 | 65.5 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 |
| IV 7000 | 19.1 | 67.4 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 |
| IV 6000 | 19.4 | 68.1 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 |
| IV 5000 | 19.5 | 68.7 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 |
| IV 4500 | 19.5 | 69.4 | 70.1 | 70.1 | 70.1 | 70.5 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 |
| IV 4000 | 19.6 | 72.7 | 73.4 | 73.7 | 73.7 | 74.0 | 74.2 | 74.2 | 74.2 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 3500 | 19.8 | 73.0 | 73.8 | 74.2 | 74.2 | 74.9 | 74.8 | 74.8 | 74.8 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 |
| IV 3000 | 19.8 | 75.1 | 75.9 | 76.9 | 77.2 | 77.6 | 77.9 | 78.0 | 78.0 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 2500 | 19.9 | 75.9 | 76.7 | 78.0 | 78.3 | 78.8 | 79.1 | 79.3 | 79.3 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 2000 | 19.9 | 76.6 | 77.7 | 79.1 | 79.6 | 80.1 | 80.5 | 80.8 | 80.8 | 81.3 | 81.3 | 81.3 | 81.4 | 81.6 | 81.6 | 81.6 |
| IV 1800 | 19.9 | 76.7 | 77.8 | 79.3 | 79.7 | 80.2 | 80.6 | 80.9 | 80.9 | 81.4 | 81.4 | 81.4 | 81.6 | 81.7 | 81.7 | 81.7 |
| IV 1500 | 19.9 | 77.3 | 78.6 | 80.0 | 80.4 | 81.4 | 82.0 | 82.5 | 82.5 | 83.3 | 83.3 | 83.3 | 83.4 | 83.5 | 83.5 | 83.5 |
| IV 1200 | 19.9 | 77.3 | 78.7 | 80.2 | 81.0 | 81.9 | 82.5 | 83.2 | 83.2 | 84.0 | 84.0 | 84.0 | 84.1 | 84.2 | 84.2 | 84.2 |
| IV 1000 | 19.9 | 78.0 | 79.6 | 81.2 | 82.4 | 83.3 | 84.3 | 85.2 | 85.4 | 86.5 | 86.6 | 86.6 | 86.8 | 86.9 | 86.9 | 86.9 |
| IV 900 | 19.9 | 78.2 | 79.7 | 81.4 | 82.8 | 83.6 | 84.6 | 85.5 | 85.7 | 86.8 | 86.9 | 86.9 | 87.2 | 87.3 | 87.3 | 87.3 |
| IV 800 | 19.9 | 78.5 | 80.0 | 81.8 | 83.5 | 84.4 | 85.4 | 86.4 | 86.6 | 87.9 | 88.0 | 88.0 | 88.3 | 88.4 | 88.4 | 88.4 |
| IV 700 | 19.9 | 78.5 | 80.0 | 81.8 | 83.8 | 84.7 | 85.9 | 86.9 | 87.2 | 88.5 | 88.8 | 88.8 | 89.0 | 89.1 | 89.1 | 89.1 |
| IV 600 | 19.9 | 78.6 | 80.1 | 81.9 | 83.9 | 84.9 | 86.1 | 87.7 | 87.9 | 89.6 | 89.9 | 89.9 | 90.1 | 90.2 | 90.2 | 90.2 |
| IV 500 | 19.9 | 78.9 | 80.5 | 82.2 | 84.3 | 85.4 | 86.7 | 89.0 | 89.4 | 91.2 | 92.1 | 92.2 | 93.0 | 93.1 | 93.1 | 93.1 |
| IV 400 | 19.9 | 78.9 | 80.5 | 82.2 | 84.4 | 85.5 | 86.8 | 89.2 | 89.7 | 91.9 | 93.2 | 93.3 | 94.2 | 94.4 | 94.4 | 94.4 |
| IV 300 | 19.9 | 78.9 | 80.5 | 82.2 | 84.5 | 85.6 | 86.9 | 89.9 | 90.3 | 92.8 | 94.4 | 94.5 | 95.6 | 96.5 | 96.6 | 96.7 |
| IV 200 | 19.9 | 78.9 | 80.5 | 82.2 | 84.5 | 85.6 | 86.9 | 89.9 | 90.3 | 93.0 | 94.7 | 94.8 | 96.4 | 97.4 | 97.6 | 97.7 |
| IV 100 | 19.9 | 78.9 | 80.5 | 82.2 | 84.5 | 85.6 | 86.9 | 89.9 | 90.3 | 93.0 | 94.8 | 95.0 | 96.6 | 98.0 | 98.7 | 99.6 |
| IV 0 | 19.9 | 78.9 | 80.5 | 82.2 | 84.5 | 85.6 | 86.9 | 89.9 | 90.3 | 93.0 | 94.8 | 95.0 | 96.6 | 98.0 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ |
| NO CEILING | 17.3 | 53.1 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 20000 | 17.6 | 57.0 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 18000 | 17.6 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 16000 | 17.6 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 14000 | 17.6 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 12000 | 17.8 | 57.7 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 10000 | 18.0 | 60.4 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 9000 | 18.1 | 60.9 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 8000 | 19.5 | 65.0 | 65.4 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 7000 | 19.9 | 67.0 | 67.3 | 67.3 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 6000 | 20.1 | 67.3 | 67.7 | 67.7 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 5000 | 20.1 | 69.5 | 69.9 | 69.9 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 4500 | 20.1 | 70.1 | 70.5 | 70.5 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 4000 | 20.4 | 72.8 | 73.7 | 73.7 | 74.2 | 74.5 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 3500 | 20.4 | 73.2 | 74.1 | 74.1 | 74.6 | 75.0 | 75.3 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 3000 | 20.8 | 75.3 | 76.2 | 76.4 | 76.9 | 77.3 | 77.6 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 2500 | 21.1 | 77.7 | 78.6 | 78.9 | 79.7 | 80.1 | 80.7 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 2000 | 21.2 | 78.6 | 79.5 | 79.8 | 80.9 | 81.4 | 82.2 | 82.6 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 1800 | 21.2 | 78.6 | 79.5 | 79.8 | 80.9 | 81.4 | 82.2 | 82.6 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 1500 | 21.2 | 79.6 | 80.5 | 81.4 | 82.5 | 83.1 | 83.9 | 84.6 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 1200 | 21.2 | 79.9 | 81.1 | 82.1 | 83.4 | 84.0 | 84.9 | 85.7 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1000 | 21.2 | 80.1 | 81.5 | 82.6 | 83.9 | 84.6 | 85.8 | 86.9 | 87.0 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 900 | 21.2 | 80.1 | 81.7 | 83.0 | 84.3 | 84.9 | 86.1 | 87.2 | 87.3 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 800 | 21.2 | 80.3 | 82.0 | 83.4 | 85.5 | 86.1 | 87.4 | 88.5 | 88.6 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 700 | 21.2 | 80.4 | 82.1 | 83.9 | 85.6 | 86.2 | 87.5 | 88.7 | 88.9 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 600 | 21.2 | 80.8 | 82.3 | 83.7 | 86.1 | 86.8 | 88.3 | 89.9 | 90.1 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 500 | 21.2 | 80.8 | 82.3 | 84.0 | 86.6 | 87.3 | 89.3 | 91.1 | 91.4 | 92.7 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 400 | 21.2 | 80.8 | 82.3 | 84.0 | 86.7 | 87.5 | 89.8 | 92.1 | 92.3 | 94.0 | 94.2 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 300 | 21.2 | 80.7 | 82.4 | 84.2 | 86.9 | 87.8 | 90.1 | 92.7 | 92.9 | 94.8 | 95.2 | 95.2 | 96.0 | 96.1 | 96.3 | 96.3 |
| ≥ 200 | 21.2 | 80.7 | 82.4 | 84.2 | 86.9 | 87.8 | 90.1 | 92.7 | 92.9 | 94.9 | 95.6 | 95.6 | 97.0 | 97.3 | 97.7 | 97.8 |
| ≥ 100 | 21.2 | 80.7 | 82.4 | 84.2 | 86.9 | 87.8 | 90.1 | 92.7 | 92.9 | 95.0 | 95.7 | 95.7 | 97.2 | 97.8 | 98.4 | 99.1 |
| ≥ 0 | 21.2 | 80.7 | 82.4 | 84.2 | 86.9 | 87.8 | 90.1 | 92.7 | 92.9 | 95.0 | 95.7 | 95.7 | 97.2 | 97.9 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 915

CLIMATE BRANCH
 USAF
 AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-592
 STATION

BRUNSWICK NAS MF
 STATION NAME

69-70,73-80
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|
| | ≥ 0 | ≥ 0.25 | ≥ 0.5 | ≥ 0.75 | ≥ 1 | ≥ 1.25 | ≥ 1.5 | ≥ 1.75 | ≥ 2 | ≥ 2.25 | ≥ 2.5 | ≥ 2.75 | ≥ 3 | ≥ 3.25 | ≥ 3.5 | ≥ 3.75 |
| NO CEILING | 16.7 | 51.1 | 51.3 | 51.4 | 51.7 | 51.7 | 51.8 | 52.0 | 52.0 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.2 |
| ≥ 20000 | 16.8 | 54.9 | 55.1 | 55.2 | 55.8 | 55.5 | 55.6 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 56.1 |
| ≥ 18000 | 16.8 | 55.0 | 55.2 | 55.3 | 55.6 | 55.6 | 55.7 | 55.9 | 55.9 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 |
| ≥ 16000 | 16.8 | 55.0 | 55.2 | 55.3 | 55.6 | 55.6 | 55.7 | 55.9 | 55.9 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 |
| ≥ 14000 | 16.8 | 55.4 | 55.6 | 55.7 | 56.1 | 56.1 | 56.2 | 56.4 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.6 |
| ≥ 12000 | 16.8 | 55.8 | 56.1 | 56.2 | 56.5 | 56.5 | 56.6 | 56.8 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 |
| ≥ 10000 | 17.1 | 57.8 | 58.0 | 58.2 | 58.6 | 58.6 | 58.7 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.1 |
| ≥ 9000 | 17.1 | 58.0 | 58.2 | 58.5 | 58.8 | 58.8 | 58.9 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.3 |
| ≥ 8000 | 18.5 | 61.7 | 61.9 | 62.2 | 62.6 | 62.6 | 62.7 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.1 |
| ≥ 7000 | 18.6 | 63.1 | 63.4 | 63.6 | 64.1 | 64.1 | 64.3 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 |
| ≥ 6000 | 18.9 | 64.0 | 64.2 | 64.4 | 65.2 | 65.2 | 65.4 | 65.6 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 |
| ≥ 5000 | 19.3 | 64.7 | 67.2 | 67.2 | 68.0 | 68.0 | 68.3 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 |
| ≥ 4500 | 19.3 | 68.2 | 68.4 | 68.7 | 69.7 | 69.7 | 69.9 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 |
| ≥ 4000 | 19.3 | 70.1 | 70.3 | 70.7 | 72.0 | 72.0 | 72.2 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 |
| ≥ 3500 | 19.5 | 70.8 | 71.0 | 71.3 | 72.6 | 72.6 | 72.8 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.5 |
| ≥ 3000 | 19.7 | 72.5 | 73.1 | 73.5 | 74.8 | 74.8 | 75.0 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 |
| ≥ 2500 | 19.8 | 74.9 | 75.7 | 76.9 | 78.7 | 78.7 | 79.0 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 |
| ≥ 2000 | 19.8 | 76.0 | 76.8 | 78.5 | 80.7 | 80.8 | 81.1 | 81.9 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 |
| ≥ 1800 | 19.8 | 76.0 | 76.8 | 78.6 | 80.8 | 80.9 | 81.2 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 |
| ≥ 1500 | 19.8 | 78.0 | 78.7 | 80.7 | 83.3 | 83.4 | 83.9 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 85.0 |
| ≥ 1200 | 19.8 | 78.7 | 79.4 | 81.7 | 84.5 | 84.6 | 85.3 | 86.0 | 86.0 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.4 |
| ≥ 1000 | 19.8 | 79.2 | 80.2 | 82.2 | 85.3 | 85.4 | 86.2 | 87.1 | 87.2 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 |
| ≥ 900 | 19.8 | 79.9 | 80.9 | 82.6 | 85.8 | 85.9 | 86.7 | 87.7 | 87.7 | 87.8 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 |
| ≥ 800 | 19.8 | 79.8 | 80.9 | 83.2 | 86.7 | 86.8 | 87.7 | 88.8 | 88.9 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 |
| ≥ 700 | 19.8 | 79.9 | 81.1 | 83.3 | 86.8 | 87.0 | 88.0 | 89.1 | 89.2 | 89.6 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 |
| ≥ 600 | 19.8 | 80.3 | 81.4 | 84.0 | 87.7 | 87.9 | 89.3 | 90.7 | 90.8 | 91.3 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 |
| ≥ 500 | 19.8 | 80.3 | 81.4 | 84.2 | 88.1 | 88.3 | 90.1 | 92.6 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.6 |
| ≥ 400 | 19.8 | 80.3 | 81.5 | 84.3 | 88.5 | 88.6 | 90.7 | 92.5 | 92.6 | 93.9 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.9 |
| ≥ 300 | 19.8 | 80.3 | 81.5 | 84.3 | 88.5 | 88.6 | 90.9 | 92.7 | 93.0 | 94.5 | 95.9 | 95.9 | 96.3 | 96.7 | 96.8 | 97.1 |
| ≥ 200 | 19.8 | 80.3 | 81.5 | 84.3 | 88.5 | 88.6 | 90.9 | 92.7 | 93.0 | 94.7 | 96.5 | 96.6 | 97.3 | 97.8 | 98.3 | 98.5 |
| ≥ 100 | 19.8 | 80.3 | 81.5 | 84.3 | 88.5 | 88.6 | 90.9 | 92.7 | 93.0 | 94.7 | 96.5 | 96.6 | 97.3 | 97.9 | 98.5 | 98.9 |
| ≥ 0 | 19.8 | 80.3 | 81.5 | 84.3 | 88.5 | 88.6 | 90.9 | 92.7 | 93.0 | 94.7 | 96.5 | 96.6 | 97.3 | 97.9 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70,73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 15.8 | 50.9 | 51.6 | 51.7 | 51.8 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.1 |
| ≥ 20000 | 16.0 | 55.3 | 56.0 | 56.1 | 56.2 | 56.2 | 56.3 | 56.4 | 56.4 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.6 |
| ≥ 18000 | 16.0 | 55.5 | 56.2 | 56.3 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 |
| ≥ 16000 | 16.0 | 55.5 | 56.3 | 56.4 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 56.9 |
| ≥ 14000 | 16.0 | 55.7 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 | 57.1 |
| ≥ 12000 | 16.2 | 56.6 | 57.3 | 57.4 | 57.5 | 57.5 | 57.6 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.9 |
| ≥ 10000 | 16.8 | 59.4 | 60.2 | 60.3 | 60.5 | 60.5 | 60.5 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.8 | 60.9 |
| ≥ 9000 | 16.9 | 59.8 | 60.6 | 60.7 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.3 |
| ≥ 8000 | 17.9 | 63.1 | 63.9 | 64.1 | 64.3 | 64.3 | 64.3 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.8 |
| ≥ 7000 | 18.2 | 64.6 | 65.5 | 65.7 | 65.9 | 66.0 | 66.0 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.5 |
| ≥ 6000 | 18.6 | 65.4 | 66.3 | 66.5 | 66.8 | 66.8 | 66.9 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.3 |
| ≥ 5000 | 18.8 | 67.1 | 68.1 | 68.3 | 68.6 | 68.7 | 68.8 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.3 |
| ≥ 4500 | 18.9 | 68.1 | 69.0 | 69.2 | 69.6 | 69.7 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.3 |
| ≥ 4000 | 19.1 | 70.3 | 71.4 | 71.6 | 72.1 | 72.2 | 72.5 | 72.7 | 72.7 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 73.0 | 73.1 |
| ≥ 3500 | 19.2 | 70.8 | 71.9 | 72.3 | 72.8 | 72.9 | 73.1 | 73.4 | 73.4 | 73.5 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.8 |
| ≥ 3000 | 19.4 | 72.7 | 74.0 | 74.6 | 75.1 | 75.3 | 75.6 | 75.9 | 75.9 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.3 |
| ≥ 2500 | 19.6 | 74.1 | 75.5 | 76.3 | 77.0 | 77.2 | 77.5 | 77.8 | 77.8 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.2 | 78.3 |
| ≥ 2000 | 19.6 | 75.3 | 77.0 | 78.0 | 78.9 | 79.1 | 79.5 | 79.9 | 80.0 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 | 80.6 |
| ≥ 1800 | 19.6 | 75.5 | 77.1 | 78.2 | 79.1 | 79.3 | 79.7 | 80.1 | 80.2 | 80.4 | 80.5 | 80.5 | 80.6 | 80.6 | 80.7 | 80.7 |
| ≥ 1500 | 19.6 | 76.5 | 78.4 | 79.6 | 80.7 | 81.0 | 81.6 | 82.1 | 82.2 | 82.5 | 82.6 | 82.6 | 82.7 | 82.7 | 82.8 | 82.9 |
| ≥ 1200 | 19.6 | 76.9 | 78.8 | 80.1 | 81.4 | 81.7 | 82.4 | 83.0 | 83.0 | 83.3 | 83.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.7 |
| ≥ 1000 | 19.6 | 77.4 | 79.5 | 81.1 | 82.5 | 82.9 | 84.1 | 84.9 | 85.1 | 85.7 | 85.9 | 85.9 | 86.0 | 86.0 | 86.1 | 86.2 |
| ≥ 900 | 19.6 | 77.5 | 79.7 | 81.4 | 82.9 | 83.3 | 84.5 | 85.4 | 85.6 | 86.3 | 86.5 | 86.5 | 86.6 | 86.6 | 86.7 | 86.8 |
| ≥ 800 | 19.6 | 77.7 | 80.0 | 81.7 | 83.5 | 84.0 | 85.3 | 86.3 | 86.5 | 87.4 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.9 |
| ≥ 700 | 19.6 | 77.8 | 80.1 | 81.9 | 83.8 | 84.2 | 85.6 | 86.9 | 87.1 | 88.1 | 88.5 | 88.5 | 88.6 | 88.6 | 88.7 | 88.8 |
| ≥ 600 | 19.6 | 78.0 | 80.3 | 82.2 | 84.2 | 84.7 | 86.3 | 87.8 | 88.1 | 89.1 | 89.6 | 89.6 | 89.6 | 89.8 | 89.9 | 90.0 |
| ≥ 500 | 19.6 | 78.1 | 80.4 | 82.5 | 84.9 | 85.4 | 87.3 | 89.2 | 89.7 | 91.0 | 91.8 | 91.9 | 92.2 | 92.3 | 92.4 | 92.5 |
| ≥ 400 | 19.6 | 78.1 | 80.4 | 82.5 | 85.0 | 85.6 | 87.6 | 89.7 | 90.2 | 91.8 | 92.9 | 92.9 | 93.5 | 93.7 | 93.7 | 93.8 |
| ≥ 300 | 19.6 | 78.1 | 80.5 | 82.6 | 85.1 | 85.7 | 87.8 | 90.2 | 90.7 | 92.6 | 94.1 | 94.3 | 95.3 | 95.8 | 96.0 | 96.1 |
| ≥ 200 | 19.6 | 78.1 | 80.5 | 82.6 | 85.2 | 85.7 | 87.8 | 90.2 | 90.8 | 92.9 | 94.8 | 95.1 | 96.7 | 97.5 | 97.9 | 98.1 |
| ≥ 100 | 19.6 | 78.1 | 80.5 | 82.6 | 85.2 | 85.7 | 87.8 | 90.2 | 90.8 | 92.9 | 94.9 | 95.1 | 96.8 | 97.8 | 98.4 | 99.2 |
| ≥ 0 | 19.6 | 78.1 | 80.5 | 82.6 | 85.2 | 85.7 | 87.8 | 90.2 | 90.8 | 92.9 | 94.9 | 95.1 | 96.8 | 97.9 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7309

USAF ETAC FORM 0-10-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 14.3 | 55.6 | 55.8 | 56.5 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 |
| ≥ 20000 | 14.8 | 58.4 | 58.7 | 59.4 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 |
| ≥ 18000 | 14.8 | 58.4 | 58.7 | 59.4 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 |
| ≥ 16000 | 14.8 | 58.4 | 58.7 | 59.4 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 |
| ≥ 14000 | 14.8 | 58.5 | 58.8 | 59.5 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 |
| ≥ 12000 | 14.8 | 60.7 | 60.9 | 61.6 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.4 |
| ≥ 10000 | 14.9 | 62.7 | 63.0 | 63.8 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 |
| ≥ 9000 | 14.9 | 63.4 | 63.7 | 64.5 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.5 |
| ≥ 8000 | 15.2 | 68.8 | 69.1 | 69.9 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 71.0 | 71.2 |
| ≥ 7000 | 15.2 | 69.5 | 69.8 | 70.6 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.7 | 71.7 | 71.9 |
| ≥ 6000 | 15.2 | 69.8 | 70.1 | 71.0 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 72.0 | 72.0 | 72.3 |
| ≥ 5000 | 15.2 | 70.8 | 71.2 | 72.2 | 72.6 | 72.6 | 72.8 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.4 | 73.4 | 73.6 |
| ≥ 4500 | 15.2 | 72.2 | 72.5 | 73.5 | 74.0 | 74.0 | 74.1 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.7 | 74.7 | 74.9 |
| ≥ 4000 | 15.2 | 72.9 | 73.4 | 74.3 | 75.0 | 75.0 | 75.1 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.7 | 75.7 | 76.0 |
| ≥ 3500 | 15.2 | 73.8 | 74.3 | 75.3 | 76.0 | 76.0 | 76.1 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.7 | 76.7 | 76.9 |
| ≥ 3000 | 15.8 | 76.9 | 77.4 | 78.4 | 79.1 | 79.1 | 79.2 | 79.3 | 79.3 | 79.3 | 79.5 | 79.5 | 79.5 | 79.8 | 79.8 | 80.0 |
| ≥ 2500 | 15.8 | 79.0 | 79.6 | 80.9 | 81.6 | 81.6 | 82.1 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.7 | 82.7 | 82.9 |
| ≥ 2000 | 16.1 | 80.2 | 80.8 | 82.2 | 83.2 | 83.2 | 84.1 | 84.3 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.8 | 84.8 | 85.1 |
| ≥ 1800 | 16.1 | 80.3 | 80.9 | 82.3 | 83.3 | 83.3 | 84.2 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.9 | 84.9 | 85.2 |
| ≥ 1500 | 16.1 | 81.1 | 81.8 | 83.4 | 84.3 | 84.3 | 85.5 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.4 | 86.4 | 86.6 |
| ≥ 1200 | 16.1 | 81.1 | 81.8 | 83.4 | 84.5 | 84.5 | 85.7 | 86.0 | 86.0 | 86.1 | 86.3 | 86.3 | 86.3 | 86.6 | 86.6 | 86.9 |
| ≥ 1000 | 16.1 | 81.6 | 82.4 | 84.2 | 85.3 | 85.3 | 86.7 | 87.5 | 87.5 | 87.7 | 87.8 | 87.8 | 87.8 | 88.2 | 88.2 | 88.4 |
| ≥ 900 | 16.1 | 81.8 | 82.7 | 84.5 | 85.7 | 85.7 | 87.1 | 87.8 | 87.8 | 88.1 | 88.2 | 88.2 | 88.2 | 88.5 | 88.5 | 88.8 |
| ≥ 800 | 16.1 | 81.8 | 82.7 | 84.7 | 86.0 | 86.0 | 87.7 | 88.6 | 88.6 | 88.9 | 89.0 | 89.0 | 89.1 | 89.5 | 89.5 | 89.7 |
| ≥ 700 | 16.1 | 81.8 | 82.8 | 84.9 | 86.4 | 86.4 | 88.1 | 89.1 | 89.1 | 89.5 | 89.6 | 89.6 | 89.7 | 90.1 | 90.1 | 90.3 |
| ≥ 600 | 16.1 | 81.8 | 82.8 | 85.1 | 86.9 | 87.2 | 88.9 | 90.1 | 90.1 | 90.6 | 90.7 | 90.7 | 90.9 | 91.4 | 91.4 | 91.6 |
| ≥ 500 | 16.1 | 81.8 | 82.8 | 85.7 | 87.9 | 88.4 | 90.3 | 91.5 | 91.5 | 92.1 | 92.5 | 92.6 | 93.0 | 93.4 | 93.4 | 93.7 |
| ≥ 400 | 16.1 | 81.8 | 82.8 | 85.9 | 88.4 | 88.9 | 90.9 | 92.4 | 92.4 | 93.0 | 93.4 | 93.5 | 93.9 | 94.5 | 94.5 | 94.7 |
| ≥ 300 | 16.1 | 81.8 | 82.8 | 85.9 | 88.5 | 89.0 | 91.4 | 93.2 | 93.2 | 94.1 | 94.6 | 95.0 | 95.3 | 96.2 | 96.3 | 96.5 |
| ≥ 200 | 16.1 | 81.8 | 82.8 | 85.9 | 88.5 | 89.0 | 91.4 | 93.3 | 93.3 | 94.4 | 95.0 | 95.5 | 95.9 | 96.9 | 97.1 | 97.4 |
| ≥ 100 | 16.1 | 81.8 | 82.8 | 85.9 | 88.5 | 89.0 | 91.4 | 93.3 | 93.3 | 94.5 | 95.1 | 95.6 | 96.1 | 97.4 | 97.7 | 98.3 |
| ≥ 0 | 16.1 | 81.8 | 82.8 | 85.9 | 88.5 | 89.0 | 91.4 | 93.3 | 93.3 | 94.5 | 95.1 | 95.6 | 96.1 | 97.4 | 97.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70392

BRUNSWICK NAS ME

69-70,73-80

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

700-7500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ≥4 |
| NO CEILING | 12.2 | 51.6 | 52.3 | 52.8 | 52.9 | 52.9 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 20000 | 12.2 | 54.8 | 55.5 | 56.0 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 18000 | 12.2 | 54.8 | 55.5 | 56.0 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 16000 | 12.2 | 54.8 | 55.5 | 56.0 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 14000 | 12.2 | 54.8 | 55.5 | 56.0 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 12000 | 12.3 | 56.8 | 57.5 | 58.0 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 10000 | 12.8 | 61.1 | 61.9 | 62.5 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.9 | 62.9 | 63.1 | 63.1 |
| ≥ 9000 | 12.8 | 61.7 | 62.5 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.5 | 63.5 | 63.7 | 63.7 |
| ≥ 8000 | 12.8 | 65.2 | 66.1 | 66.7 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 67.1 | 67.1 | 67.3 | 67.3 | 67.4 | 67.4 |
| ≥ 7000 | 12.9 | 66.2 | 67.0 | 67.6 | 67.7 | 67.7 | 67.9 | 68.0 | 68.0 | 68.4 | 68.4 | 68.5 | 68.5 | 68.6 | 68.6 |
| ≥ 6000 | 13.1 | 66.8 | 67.7 | 68.4 | 68.5 | 68.5 | 68.6 | 68.7 | 68.7 | 69.2 | 69.2 | 69.3 | 69.3 | 69.4 | 69.4 |
| ≥ 5000 | 13.1 | 68.6 | 69.6 | 70.2 | 70.3 | 70.3 | 70.4 | 70.5 | 70.5 | 71.0 | 71.0 | 71.1 | 71.1 | 71.2 | 71.2 |
| ≥ 4500 | 13.1 | 69.7 | 70.8 | 71.5 | 71.6 | 71.6 | 71.7 | 71.8 | 71.8 | 72.3 | 72.3 | 72.4 | 72.4 | 72.6 | 72.6 |
| ≥ 4000 | 13.1 | 70.9 | 72.0 | 72.7 | 73.0 | 73.0 | 73.2 | 73.3 | 73.3 | 73.8 | 73.8 | 73.9 | 73.9 | 74.0 | 74.0 |
| ≥ 3500 | 13.1 | 71.8 | 72.9 | 73.8 | 74.1 | 74.1 | 74.2 | 74.4 | 74.4 | 74.8 | 74.8 | 75.0 | 75.0 | 75.1 | 75.1 |
| ≥ 3000 | 13.5 | 74.5 | 75.7 | 77.3 | 77.6 | 77.6 | 77.9 | 78.0 | 78.0 | 78.5 | 78.5 | 78.6 | 78.6 | 78.7 | 78.7 |
| ≥ 2500 | 14.1 | 76.3 | 78.0 | 79.4 | 80.0 | 80.0 | 80.4 | 80.5 | 80.5 | 81.0 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 |
| ≥ 2000 | 14.4 | 77.7 | 79.5 | 81.1 | 81.9 | 81.9 | 82.7 | 83.0 | 83.0 | 83.5 | 83.5 | 83.6 | 83.6 | 83.8 | 83.8 |
| ≥ 1800 | 14.4 | 77.9 | 79.7 | 81.2 | 82.1 | 82.1 | 82.8 | 83.2 | 83.2 | 83.6 | 83.6 | 83.8 | 83.8 | 83.9 | 83.9 |
| ≥ 1500 | 14.6 | 78.3 | 80.1 | 82.1 | 83.0 | 83.0 | 83.8 | 84.1 | 84.1 | 84.4 | 84.4 | 84.8 | 84.8 | 85.0 | 85.0 |
| ≥ 1200 | 14.6 | 78.8 | 80.6 | 82.7 | 83.8 | 83.8 | 84.6 | 85.1 | 85.3 | 85.9 | 85.9 | 86.3 | 86.3 | 86.4 | 86.4 |
| ≥ 1000 | 14.8 | 80.0 | 81.9 | 84.2 | 85.7 | 85.7 | 86.6 | 87.1 | 87.5 | 88.3 | 88.3 | 88.4 | 88.4 | 88.6 | 88.6 |
| ≥ 900 | 14.8 | 80.0 | 81.9 | 84.4 | 85.8 | 85.8 | 86.8 | 87.2 | 87.6 | 88.7 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 |
| ≥ 800 | 14.8 | 80.0 | 82.1 | 84.5 | 86.2 | 86.3 | 87.2 | 88.0 | 88.3 | 89.7 | 89.7 | 89.8 | 89.8 | 90.0 | 90.0 |
| ≥ 700 | 14.8 | 80.0 | 82.1 | 84.6 | 86.4 | 86.9 | 88.1 | 88.8 | 89.2 | 90.6 | 90.9 | 91.0 | 91.2 | 91.3 | 91.3 |
| ≥ 600 | 14.8 | 80.0 | 82.3 | 84.8 | 86.8 | 87.2 | 88.4 | 89.3 | 89.7 | 91.2 | 91.5 | 91.6 | 91.8 | 91.9 | 91.9 |
| ≥ 500 | 14.8 | 80.4 | 82.9 | 85.6 | 87.6 | 88.1 | 89.4 | 90.3 | 90.6 | 92.2 | 92.5 | 92.8 | 93.1 | 93.3 | 93.3 |
| ≥ 400 | 14.8 | 80.4 | 83.3 | 85.8 | 88.0 | 88.4 | 90.0 | 91.1 | 91.6 | 93.3 | 93.6 | 93.9 | 94.3 | 94.5 | 94.5 |
| ≥ 300 | 14.8 | 80.5 | 83.2 | 85.9 | 88.1 | 88.6 | 90.3 | 91.6 | 92.2 | 94.1 | 94.5 | 94.7 | 95.3 | 95.4 | 95.4 |
| ≥ 200 | 14.8 | 80.5 | 83.2 | 85.9 | 88.1 | 88.6 | 90.4 | 91.8 | 92.4 | 94.5 | 95.1 | 95.3 | 96.1 | 96.6 | 96.6 |
| ≥ 100 | 14.8 | 80.5 | 83.2 | 85.9 | 88.1 | 88.6 | 90.4 | 91.8 | 92.4 | 94.5 | 95.1 | 95.3 | 96.3 | 97.0 | 97.4 |
| ≥ 0 | 14.8 | 80.5 | 83.2 | 85.9 | 88.1 | 88.6 | 90.4 | 91.8 | 92.4 | 94.5 | 95.1 | 95.3 | 96.3 | 97.0 | 97.4 |

TOTAL NUMBER OF OBSERVATIONS 831

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING ≥ 20000 | 10.8 11.0 | 47.0 52.4 | 47.9 53.4 | 48.3 53.8 | 48.8 54.2 | 49.0 54.5 | 49.2 54.6 | 49.2 54.7 | 49.2 54.7 | 49.3 54.8 | 49.3 54.8 | 49.3 54.8 | 49.3 54.8 | 49.3 54.8 | 49.3 54.8 | 49.3 54.8 |
| ≥ 18000 ≥ 16000 | 11.7 11.0 | 52.5 52.5 | 53.5 53.5 | 53.9 53.9 | 54.4 54.4 | 54.6 54.6 | 54.7 54.7 | 54.8 54.8 | 54.8 54.8 | 55.0 55.0 | 55.0 55.0 | 55.0 55.0 | 55.0 55.0 | 55.0 55.0 | 55.0 55.0 | 55.0 55.0 |
| ≥ 14000 ≥ 12000 | 11.7 11.0 | 52.5 54.0 | 53.5 55.2 | 53.9 55.4 | 54.4 56.1 | 54.6 56.3 | 54.7 56.4 | 54.8 56.5 | 54.8 56.5 | 55.0 56.7 | 55.0 56.7 | 55.0 56.7 | 55.0 56.7 | 55.0 56.7 | 55.0 56.7 | 55.0 56.7 |
| ≥ 10000 ≥ 9000 | 11.5 11.6 | 57.6 58.2 | 59.0 59.6 | 59.6 60.2 | 60.2 60.8 | 60.4 61.0 | 60.5 61.1 | 60.7 61.3 | 60.7 61.3 | 60.8 61.4 | 60.8 61.4 | 60.8 61.4 | 60.8 61.4 | 60.8 61.4 | 60.8 61.4 | 60.8 61.4 |
| ≥ 8000 ≥ 7000 | 12.0 12.0 | 62.6 63.2 | 63.9 64.8 | 64.5 65.5 | 65.4 66.3 | 65.6 66.6 | 65.7 66.7 | 65.9 66.8 | 65.9 66.8 | 66.0 66.9 | 66.0 66.9 | 66.0 66.9 | 66.0 66.9 | 66.0 66.9 | 66.0 66.9 | 66.0 66.9 |
| ≥ 6000 ≥ 5000 | 12.2 12.5 | 64.0 66.2 | 65.7 67.9 | 66.5 68.6 | 67.3 69.5 | 67.6 69.7 | 67.7 69.9 | 67.8 70.0 | 67.8 70.0 | 67.9 70.2 | 67.9 70.2 | 67.9 70.2 | 67.9 70.2 | 68.0 70.2 | 68.0 70.3 | 68.0 70.3 |
| ≥ 4500 ≥ 4000 | 12.6 12.6 | 67.1 68.9 | 68.8 70.7 | 69.5 71.4 | 70.3 72.3 | 70.6 72.5 | 70.7 72.8 | 70.8 72.9 | 70.8 72.9 | 71.1 73.1 | 71.1 73.1 | 71.1 73.1 | 71.1 73.1 | 71.2 73.2 | 71.2 73.2 | 71.2 73.2 |
| ≥ 3500 ≥ 3000 | 12.6 13.2 | 69.7 72.3 | 71.5 74.2 | 72.4 75.3 | 73.5 76.8 | 73.7 77.0 | 74.0 77.2 | 74.1 77.5 | 74.1 77.5 | 74.3 77.7 | 74.3 77.7 | 74.3 77.7 | 74.3 77.7 | 74.5 77.8 | 74.5 77.8 | 74.5 77.8 |
| ≥ 2500 ≥ 2000 | 14.7 14.4 | 75.1 76.6 | 77.2 78.9 | 78.8 80.5 | 80.3 82.2 | 80.5 82.7 | 80.9 83.2 | 81.2 83.8 | 81.2 83.8 | 81.6 84.1 | 81.6 84.1 | 81.6 84.1 | 81.6 84.1 | 81.7 84.3 | 81.7 84.3 | 81.7 84.3 |
| ≥ 1800 ≥ 1500 | 14.4 14.6 | 76.8 77.6 | 79.1 79.9 | 80.6 81.6 | 82.3 83.8 | 82.8 84.4 | 83.3 85.1 | 83.9 86.2 | 83.9 86.3 | 84.3 86.7 | 84.3 86.7 | 84.3 86.7 | 84.3 86.7 | 84.4 86.8 | 84.4 86.8 | 84.4 86.8 |
| ≥ 1200 ≥ 1000 | 14.6 14.6 | 77.7 78.2 | 80.0 80.8 | 81.7 82.7 | 83.9 85.0 | 84.5 85.7 | 85.2 86.4 | 86.4 87.8 | 86.6 88.0 | 87.0 88.7 | 87.0 89.1 | 87.0 89.1 | 87.0 89.1 | 87.2 89.2 | 87.2 89.2 | 87.2 89.2 |
| ≥ 900 ≥ 800 | 14.6 14.6 | 78.2 78.2 | 80.8 80.8 | 82.7 82.8 | 85.5 85.7 | 86.2 86.4 | 87.2 87.4 | 88.5 88.9 | 88.9 89.2 | 89.7 90.2 | 90.1 90.7 | 90.1 90.7 | 90.1 90.7 | 90.2 90.8 | 90.2 90.8 | 90.2 90.8 |
| ≥ 700 ≥ 600 | 14.6 14.6 | 78.2 78.2 | 80.8 80.8 | 82.9 83.2 | 85.8 86.1 | 86.8 87.0 | 87.8 88.1 | 89.5 90.1 | 89.8 90.4 | 91.2 91.9 | 91.6 92.5 | 91.6 92.5 | 91.6 92.5 | 91.8 92.6 | 91.8 92.7 | 91.8 92.7 |
| ≥ 500 ≥ 400 | 14.6 14.6 | 78.3 78.5 | 81.0 81.1 | 83.5 83.7 | 86.4 86.6 | 87.7 87.8 | 88.7 88.9 | 91.0 91.2 | 91.5 91.6 | 93.1 93.5 | 93.8 94.2 | 93.9 94.6 | 94.1 94.7 | 94.2 94.8 | 94.2 94.8 | 94.2 94.8 |
| ≥ 300 ≥ 200 | 14.6 14.6 | 78.5 78.5 | 81.2 81.2 | 83.8 83.8 | 86.7 86.7 | 87.9 87.9 | 89.0 89.0 | 91.4 91.4 | 91.9 91.9 | 94.1 94.1 | 95.2 95.2 | 95.6 95.8 | 95.9 96.6 | 96.2 97.2 | 96.2 97.3 | 96.2 97.3 |
| ≥ 100 ≥ 0 | 14.6 14.6 | 78.5 78.5 | 81.2 81.2 | 83.8 83.8 | 86.7 86.7 | 87.9 87.9 | 89.0 89.0 | 91.4 91.4 | 91.9 91.9 | 94.1 94.1 | 95.2 95.2 | 95.8 95.8 | 96.7 96.7 | 97.6 97.6 | 98.1 98.1 | 99.2 100.0 |

TOTAL NUMBER OF OBSERVATIONS 826

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392 BRUNSWICK NAS ME

69-70, 73-80

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | 25/16 | ¾ |
| NO CEILING | 10.0 | 47.0 | 48.0 | 48.4 | 48.6 | 48.8 | 49.0 | 49.0 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 20000 | 10.2 | 53.6 | 54.8 | 55.2 | 55.4 | 55.5 | 55.8 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| ≥ 18000 | 10.2 | 54.1 | 55.3 | 55.6 | 55.9 | 56.0 | 56.2 | 56.2 | 56.2 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 16000 | 10.2 | 54.1 | 55.3 | 55.6 | 55.9 | 56.0 | 56.2 | 56.2 | 56.2 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 14000 | 10.2 | 54.3 | 55.5 | 55.9 | 56.1 | 56.2 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 12000 | 10.5 | 56.1 | 57.3 | 57.7 | 57.9 | 58.0 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 10000 | 11.2 | 60.4 | 62.0 | 62.4 | 62.8 | 63.1 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 9000 | 11.3 | 60.8 | 62.3 | 62.8 | 63.1 | 63.5 | 63.7 | 63.7 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 8000 | 11.8 | 64.8 | 66.6 | 67.3 | 67.9 | 68.4 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 7000 | 11.8 | 65.8 | 67.7 | 68.4 | 69.1 | 69.6 | 69.9 | 70.0 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 6000 | 11.8 | 66.7 | 68.6 | 69.3 | 70.2 | 70.6 | 71.0 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 5000 | 12.5 | 68.5 | 70.7 | 71.6 | 72.4 | 72.9 | 73.2 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 4500 | 12.6 | 69.3 | 71.6 | 72.4 | 73.2 | 73.7 | 74.1 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 4000 | 12.6 | 70.3 | 72.5 | 73.4 | 74.2 | 74.7 | 75.0 | 75.1 | 75.1 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 3500 | 12.6 | 70.7 | 73.0 | 74.0 | 74.9 | 75.4 | 75.7 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 3000 | 12.6 | 73.2 | 75.5 | 76.7 | 77.6 | 78.1 | 78.5 | 78.8 | 78.8 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 2500 | 12.8 | 75.3 | 78.0 | 79.4 | 80.5 | 81.0 | 81.3 | 81.8 | 82.0 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 2000 | 13.1 | 76.5 | 79.4 | 81.0 | 82.5 | 83.0 | 83.5 | 83.9 | 84.3 | 84.5 | 84.5 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 1800 | 13.1 | 76.5 | 79.4 | 81.0 | 82.5 | 83.0 | 83.5 | 84.1 | 84.4 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 1500 | 13.1 | 77.1 | 80.0 | 81.8 | 83.5 | 84.1 | 84.5 | 85.7 | 86.1 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 1200 | 13.1 | 77.4 | 80.5 | 82.4 | 84.1 | 85.0 | 85.5 | 86.7 | 87.0 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 1000 | 13.1 | 77.4 | 80.6 | 82.5 | 84.4 | 85.6 | 86.2 | 88.1 | 88.5 | 88.8 | 88.9 | 88.9 | 89.1 | 89.2 | 89.2 | 89.2 |
| ≥ 900 | 13.1 | 77.4 | 80.6 | 82.5 | 84.4 | 85.6 | 86.3 | 88.3 | 88.7 | 89.1 | 89.2 | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 |
| ≥ 800 | 13.1 | 77.5 | 80.7 | 82.9 | 84.8 | 86.1 | 86.9 | 89.2 | 89.9 | 90.4 | 90.5 | 90.5 | 90.6 | 90.8 | 90.8 | 90.8 |
| ≥ 700 | 13.1 | 77.5 | 80.7 | 82.9 | 84.8 | 86.2 | 87.2 | 89.9 | 90.6 | 91.1 | 91.3 | 91.3 | 91.4 | 91.7 | 91.7 | 91.7 |
| ≥ 600 | 13.1 | 77.5 | 80.7 | 83.1 | 85.1 | 86.7 | 87.8 | 90.7 | 91.9 | 92.7 | 93.0 | 93.0 | 93.2 | 93.5 | 93.5 | 93.5 |
| ≥ 500 | 13.1 | 77.8 | 81.0 | 83.4 | 85.5 | 87.0 | 88.1 | 91.4 | 92.6 | 93.5 | 93.7 | 93.7 | 94.2 | 94.5 | 94.5 | 94.5 |
| ≥ 400 | 13.1 | 77.8 | 81.0 | 83.4 | 85.5 | 87.0 | 88.2 | 91.8 | 93.1 | 94.2 | 94.5 | 94.5 | 94.6 | 95.1 | 95.6 | 95.6 |
| ≥ 300 | 13.1 | 77.8 | 81.0 | 83.4 | 85.5 | 87.0 | 88.2 | 92.0 | 93.5 | 94.6 | 95.5 | 95.5 | 95.8 | 96.6 | 97.3 | 97.3 |
| ≥ 200 | 13.1 | 77.8 | 81.0 | 83.4 | 85.5 | 87.0 | 88.2 | 92.0 | 93.5 | 94.6 | 95.7 | 96.3 | 97.3 | 98.2 | 98.3 | 98.3 |
| ≥ 100 | 13.1 | 77.8 | 81.0 | 83.4 | 85.5 | 87.0 | 88.2 | 92.0 | 93.5 | 94.8 | 95.8 | 96.4 | 97.7 | 98.9 | 99.2 | 99.6 |
| ≥ 0 | 13.1 | 77.8 | 81.0 | 83.4 | 85.5 | 87.0 | 88.2 | 92.0 | 93.5 | 94.8 | 95.8 | 96.4 | 97.7 | 98.9 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 841

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743921
STATIONBRUNSWICK NAS ME
STATION NAME69-70,73-80
YEARSFEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1200-1400
HOURS (L.V.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 10.5 | 47.1 | 48.2 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| ≥ 20000 | 10.7 | 53.9 | 55.0 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 18000 | 17.7 | 54.1 | 55.2 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 16000 | 10.7 | 54.1 | 55.2 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 14000 | 10.7 | 54.4 | 55.5 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 12000 | 10.9 | 55.7 | 56.8 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 10000 | 11.0 | 59.3 | 60.5 | 60.9 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 9000 | 11.0 | 59.4 | 60.6 | 61.0 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 8000 | 11.7 | 64.8 | 66.3 | 67.1 | 67.3 | 67.3 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 7000 | 11.7 | 66.1 | 67.8 | 68.5 | 68.8 | 68.8 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 6000 | 11.7 | 66.6 | 68.4 | 69.1 | 69.4 | 69.4 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 5000 | 11.7 | 68.4 | 70.5 | 71.2 | 71.5 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 4500 | 11.7 | 68.9 | 71.0 | 71.7 | 72.0 | 72.0 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 4000 | 11.8 | 70.4 | 72.7 | 73.4 | 73.7 | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 3500 | 12.3 | 72.9 | 75.2 | 76.0 | 76.2 | 76.2 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 3000 | 12.4 | 76.2 | 78.9 | 80.0 | 80.2 | 80.4 | 80.6 | 80.9 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 2500 | 12.4 | 77.6 | 80.7 | 82.2 | 82.4 | 82.6 | 82.8 | 83.0 | 83.0 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 2000 | 12.8 | 78.4 | 81.6 | 83.0 | 83.4 | 83.5 | 83.8 | 84.1 | 84.3 | 84.4 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 1800 | 12.8 | 78.4 | 81.6 | 83.0 | 83.4 | 83.5 | 83.8 | 84.1 | 84.3 | 84.4 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 1500 | 12.8 | 79.4 | 82.7 | 84.8 | 85.4 | 85.5 | 86.0 | 86.6 | 86.7 | 87.0 | 87.2 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 1200 | 12.8 | 79.5 | 83.0 | 85.2 | 85.9 | 86.0 | 86.7 | 87.7 | 87.8 | 88.0 | 88.3 | 88.4 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 1000 | 12.8 | 79.9 | 83.7 | 85.9 | 86.5 | 86.6 | 87.4 | 89.0 | 89.1 | 89.5 | 89.9 | 90.0 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 900 | 12.8 | 79.9 | 83.7 | 86.0 | 86.7 | 86.8 | 87.8 | 89.4 | 89.5 | 89.9 | 90.2 | 90.4 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 800 | 12.8 | 80.0 | 83.9 | 86.3 | 87.3 | 87.4 | 88.4 | 90.2 | 90.4 | 90.9 | 91.3 | 91.5 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 700 | 12.8 | 80.1 | 84.0 | 86.5 | 87.6 | 87.7 | 88.7 | 90.5 | 90.6 | 91.2 | 91.8 | 92.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 600 | 12.8 | 80.1 | 84.1 | 86.6 | 87.7 | 87.8 | 89.0 | 91.3 | 91.5 | 92.1 | 92.7 | 92.8 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 500 | 12.8 | 80.1 | 84.5 | 87.0 | 88.0 | 88.2 | 89.5 | 92.1 | 92.2 | 93.0 | 93.8 | 94.1 | 95.5 | 95.5 | 95.5 | 95.6 |
| ≥ 400 | 12.8 | 80.2 | 84.6 | 87.1 | 88.2 | 88.3 | 89.8 | 92.8 | 92.9 | 93.9 | 94.6 | 95.0 | 96.5 | 96.5 | 96.5 | 96.6 |
| ≥ 300 | 12.8 | 80.2 | 84.6 | 87.1 | 88.2 | 88.3 | 89.8 | 92.9 | 93.0 | 94.0 | 95.2 | 96.0 | 97.6 | 97.9 | 98.0 | 98.2 |
| ≥ 200 | 12.8 | 80.2 | 84.6 | 87.1 | 88.2 | 88.3 | 89.8 | 93.0 | 93.2 | 94.1 | 95.4 | 96.2 | 97.9 | 98.3 | 98.4 | 98.9 |
| ≥ 100 | 12.8 | 80.2 | 84.6 | 87.1 | 88.2 | 88.3 | 89.8 | 93.0 | 93.2 | 94.1 | 95.4 | 96.2 | 98.2 | 98.5 | 99.0 | 99.8 |
| ≥ 0 | 12.8 | 80.2 | 84.6 | 87.1 | 88.2 | 88.3 | 89.8 | 93.0 | 93.2 | 94.1 | 95.4 | 96.2 | 98.2 | 98.5 | 99.0 | 00.0 |

TOTAL NUMBER OF OBSERVATIONS 620

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927

BRUNSWICK NAS ME

69-70,73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 10.9 | 48.6 | 49.6 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| ≥ 20000 | 11.4 | 54.2 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 18000 | 11.4 | 54.2 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 16000 | 11.4 | 54.2 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 14000 | 11.4 | 54.2 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 12000 | 11.4 | 56.0 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 10000 | 11.9 | 59.5 | 60.7 | 61.2 | 61.2 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 9000 | 11.9 | 59.6 | 60.8 | 61.3 | 61.3 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 8000 | 12.3 | 64.5 | 65.9 | 66.9 | 66.9 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 7000 | 12.4 | 66.7 | 68.0 | 69.1 | 69.1 | 69.2 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 6000 | 12.4 | 67.5 | 68.9 | 70.0 | 70.0 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 5000 | 12.6 | 69.7 | 71.3 | 72.4 | 72.4 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 4500 | 12.6 | 70.2 | 71.8 | 72.8 | 72.8 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 4000 | 12.9 | 71.9 | 73.6 | 74.6 | 74.6 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 3500 | 12.9 | 73.1 | 74.9 | 76.1 | 76.1 | 76.3 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 3000 | 13.0 | 76.2 | 78.0 | 79.3 | 79.4 | 79.7 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 2500 | 13.0 | 77.2 | 79.3 | 80.8 | 81.1 | 81.5 | 82.0 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 2000 | 13.5 | 78.4 | 80.8 | 82.6 | 83.2 | 83.5 | 84.0 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 |
| ≥ 1800 | 13.6 | 78.5 | 80.9 | 82.7 | 83.3 | 83.7 | 84.1 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 |
| ≥ 1500 | 13.7 | 79.1 | 81.6 | 83.9 | 84.6 | 85.0 | 85.6 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 |
| ≥ 1200 | 13.7 | 79.2 | 81.7 | 84.0 | 84.9 | 85.2 | 85.9 | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.3 | 87.3 | 87.3 |
| ≥ 1000 | 13.7 | 79.2 | 82.2 | 84.5 | 85.5 | 86.1 | 87.0 | 88.0 | 88.3 | 88.5 | 88.6 | 88.6 | 88.6 | 88.7 | 88.9 | 88.9 |
| ≥ 900 | 13.7 | 79.3 | 82.3 | 84.6 | 85.6 | 86.2 | 87.3 | 88.3 | 88.7 | 88.9 | 89.1 | 89.1 | 89.1 | 89.2 | 89.4 | 89.4 |
| ≥ 800 | 13.7 | 79.3 | 82.5 | 84.7 | 85.7 | 86.3 | 87.4 | 88.7 | 89.1 | 89.7 | 89.8 | 89.8 | 89.8 | 89.9 | 90.1 | 90.1 |
| ≥ 700 | 13.7 | 79.4 | 82.6 | 85.0 | 86.3 | 87.0 | 88.2 | 89.7 | 90.0 | 90.7 | 90.9 | 90.9 | 91.2 | 91.5 | 91.5 | 91.5 |
| ≥ 600 | 13.7 | 79.7 | 83.2 | 85.7 | 87.0 | 87.7 | 89.4 | 90.9 | 91.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.9 | 93.1 | 93.1 |
| ≥ 500 | 13.7 | 79.7 | 83.4 | 85.9 | 87.5 | 88.2 | 89.9 | 91.6 | 92.2 | 93.3 | 93.6 | 93.8 | 94.7 | 95.2 | 95.3 | 95.3 |
| ≥ 400 | 13.7 | 79.7 | 83.4 | 85.9 | 87.5 | 88.2 | 89.9 | 91.7 | 92.3 | 93.8 | 94.4 | 94.6 | 95.7 | 96.2 | 96.3 | 96.3 |
| ≥ 300 | 13.7 | 79.7 | 83.4 | 85.9 | 87.5 | 88.2 | 90.1 | 92.1 | 92.7 | 94.2 | 95.0 | 95.3 | 96.8 | 97.4 | 97.7 | 97.7 |
| ≥ 200 | 13.7 | 79.7 | 83.4 | 85.9 | 87.5 | 88.2 | 90.1 | 92.1 | 92.7 | 94.2 | 95.0 | 95.3 | 97.0 | 97.8 | 98.2 | 98.4 |
| ≥ 100 | 13.7 | 79.7 | 83.4 | 85.9 | 87.5 | 88.2 | 90.1 | 92.1 | 92.7 | 94.2 | 95.0 | 95.3 | 97.0 | 98.3 | 99.0 | 99.5 |
| ≥ 0 | 13.7 | 79.7 | 83.4 | 85.9 | 87.5 | 88.2 | 90.1 | 92.1 | 92.7 | 94.2 | 95.0 | 95.3 | 97.0 | 98.3 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 12.4 | 54.3 | 55.4 | 55.4 | 55.5 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 20000 | 12.4 | 58.7 | 59.9 | 59.9 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| IV 18000 | 12.4 | 58.8 | 60.0 | 60.0 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| IV 16000 | 12.4 | 58.8 | 60.0 | 60.0 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| IV 14000 | 12.4 | 58.9 | 60.1 | 60.1 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| IV 12000 | 12.4 | 59.8 | 61.0 | 61.0 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| IV 10000 | 12.4 | 62.2 | 63.5 | 63.6 | 63.7 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| IV 9000 | 12.4 | 62.3 | 63.6 | 63.7 | 63.9 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| IV 8000 | 12.5 | 66.9 | 68.2 | 68.4 | 68.7 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| IV 7000 | 13.3 | 70.2 | 71.6 | 71.8 | 72.0 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| IV 6000 | 13.4 | 70.5 | 71.8 | 72.2 | 72.4 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| IV 5000 | 13.5 | 71.7 | 73.0 | 73.4 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| IV 4500 | 13.5 | 72.5 | 73.9 | 74.5 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IV 4000 | 13.5 | 74.0 | 75.3 | 75.9 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 3500 | 13.5 | 75.1 | 76.6 | 77.2 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| IV 3000 | 13.5 | 77.8 | 79.5 | 80.1 | 80.6 | 80.8 | 80.8 | 81.2 | 81.2 | 81.3 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 |
| IV 2500 | 13.5 | 78.7 | 80.8 | 81.8 | 82.4 | 82.7 | 83.0 | 83.4 | 83.4 | 83.5 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 |
| IV 2000 | 13.9 | 79.9 | 82.0 | 83.5 | 84.2 | 84.7 | 85.1 | 85.4 | 85.4 | 85.5 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 1800 | 13.9 | 79.9 | 82.0 | 83.5 | 84.2 | 84.7 | 85.1 | 85.4 | 85.4 | 85.5 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 1500 | 13.9 | 80.7 | 82.9 | 84.3 | 85.4 | 85.9 | 86.4 | 86.9 | 86.9 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 |
| IV 1200 | 13.9 | 80.7 | 82.9 | 84.3 | 85.4 | 86.0 | 86.5 | 87.1 | 87.1 | 87.2 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 |
| IV 1000 | 13.9 | 81.3 | 83.6 | 85.3 | 86.4 | 87.0 | 87.5 | 88.4 | 88.4 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 900 | 13.9 | 81.3 | 83.7 | 85.5 | 86.7 | 87.3 | 87.8 | 88.8 | 88.8 | 89.0 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 |
| IV 800 | 13.9 | 81.3 | 83.7 | 85.5 | 86.9 | 87.5 | 88.0 | 88.9 | 88.9 | 89.3 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 |
| IV 700 | 13.9 | 81.3 | 83.7 | 85.5 | 87.1 | 87.7 | 88.3 | 89.5 | 89.5 | 90.0 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 600 | 13.9 | 81.3 | 84.0 | 85.9 | 88.0 | 88.6 | 89.3 | 90.7 | 90.8 | 91.3 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 500 | 13.9 | 81.3 | 84.1 | 86.3 | 88.3 | 88.9 | 90.0 | 91.7 | 91.8 | 92.7 | 93.5 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 |
| IV 400 | 13.9 | 81.3 | 84.1 | 86.3 | 88.4 | 89.0 | 90.2 | 92.8 | 92.9 | 93.9 | 94.9 | 95.5 | 96.3 | 96.4 | 96.4 | 96.4 |
| IV 300 | 13.9 | 81.3 | 84.1 | 86.4 | 88.7 | 89.3 | 90.5 | 93.0 | 93.1 | 94.1 | 95.3 | 95.9 | 96.9 | 97.3 | 97.3 | 97.3 |
| IV 200 | 13.9 | 81.3 | 84.1 | 86.4 | 88.7 | 89.3 | 90.5 | 93.0 | 93.1 | 94.1 | 95.4 | 96.0 | 97.0 | 97.6 | 98.0 | 98.0 |
| IV 100 | 13.9 | 81.3 | 84.1 | 86.4 | 88.7 | 89.3 | 90.5 | 93.0 | 93.1 | 94.1 | 95.7 | 96.3 | 97.5 | 98.6 | 99.2 | 99.6 |
| IV 0 | 13.9 | 81.3 | 84.1 | 86.4 | 88.7 | 89.3 | 90.5 | 93.0 | 93.1 | 94.1 | 95.7 | 96.3 | 97.5 | 98.6 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.C.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING ≥ 20000 | 14.2 | 57.6 | 57.9 | 57.9 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.8 |
| IV 18000 | 14.2 | 62.4 | 62.7 | 62.7 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.6 |
| IV 16000 | 14.2 | 62.5 | 62.8 | 62.8 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.7 |
| IV 14000 | 14.2 | 62.5 | 62.8 | 62.8 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.7 |
| IV 12000 | 14.2 | 63.3 | 63.7 | 63.7 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.5 |
| IV 10000 | 14.2 | 65.6 | 65.9 | 65.9 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.1 |
| IV 9000 | 14.2 | 65.8 | 66.2 | 66.2 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.4 |
| IV 8000 | 14.8 | 69.4 | 70.0 | 70.0 | 70.7 | 70.7 | 71.1 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.6 |
| IV 7000 | 15.2 | 71.3 | 71.9 | 71.9 | 72.6 | 72.6 | 73.0 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.5 |
| IV 6000 | 15.2 | 71.4 | 72.0 | 72.0 | 72.8 | 72.8 | 73.1 | 73.2 | 73.2 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.6 |
| IV 5000 | 15.2 | 72.2 | 72.8 | 73.0 | 73.7 | 73.7 | 74.1 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.6 |
| IV 4500 | 15.2 | 73.2 | 74.1 | 74.2 | 74.9 | 74.9 | 75.4 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.9 |
| IV 4000 | 15.2 | 74.4 | 75.4 | 75.6 | 76.3 | 76.3 | 76.8 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.3 |
| IV 3500 | 15.2 | 75.4 | 76.3 | 76.6 | 77.3 | 77.3 | 77.8 | 77.9 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.3 |
| IV 3000 | 15.4 | 76.7 | 77.8 | 78.1 | 78.9 | 78.9 | 79.3 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.8 |
| IV 2500 | 15.4 | 78.6 | 79.8 | 80.6 | 81.6 | 81.6 | 82.2 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.7 |
| IV 2000 | 15.7 | 79.9 | 81.2 | 82.4 | 83.5 | 83.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.9 |
| IV 1800 | 15.7 | 79.9 | 81.2 | 82.4 | 83.5 | 83.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.9 |
| IV 1500 | 15.7 | 81.0 | 82.7 | 84.0 | 85.1 | 85.1 | 86.0 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 87.0 |
| IV 1200 | 15.7 | 81.2 | 82.9 | 84.2 | 85.4 | 85.4 | 86.4 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.5 |
| IV 1000 | 15.7 | 81.8 | 83.5 | 84.8 | 86.1 | 86.1 | 87.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.4 |
| IV 900 | 15.7 | 82.1 | 83.8 | 85.1 | 86.5 | 86.5 | 87.5 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.8 |
| IV 800 | 15.7 | 82.1 | 83.8 | 85.2 | 86.9 | 86.9 | 88.1 | 89.1 | 89.1 | 89.1 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.7 |
| IV 700 | 15.7 | 82.1 | 83.8 | 85.3 | 87.0 | 87.0 | 88.3 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.8 | 90.0 | 90.2 |
| IV 600 | 15.7 | 82.2 | 83.9 | 85.4 | 87.2 | 87.7 | 89.2 | 90.4 | 90.4 | 90.4 | 91.0 | 91.4 | 91.4 | 91.6 | 91.6 | 91.9 |
| IV 500 | 15.7 | 82.2 | 84.0 | 85.7 | 87.8 | 88.4 | 90.7 | 92.1 | 92.1 | 92.7 | 93.3 | 93.7 | 93.9 | 94.1 | 94.1 | 94.4 |
| IV 400 | 15.7 | 82.2 | 84.0 | 85.7 | 88.1 | 88.6 | 90.9 | 92.6 | 92.6 | 93.5 | 94.5 | 94.9 | 95.1 | 95.3 | 95.3 | 95.6 |
| IV 300 | 15.7 | 82.2 | 84.0 | 85.7 | 88.2 | 88.8 | 91.0 | 93.0 | 93.0 | 93.9 | 94.9 | 95.6 | 95.8 | 96.1 | 96.1 | 96.3 |
| IV 200 | 15.7 | 82.2 | 84.0 | 85.7 | 88.2 | 88.8 | 91.0 | 93.1 | 93.2 | 94.3 | 95.3 | 96.5 | 96.9 | 97.4 | 97.5 | 97.7 |
| IV 100 | 15.7 | 82.2 | 84.0 | 85.7 | 88.2 | 88.8 | 91.0 | 93.1 | 93.2 | 94.3 | 95.5 | 96.7 | 97.0 | 97.6 | 98.0 | 98.9 |
| IV 0 | 15.7 | 82.2 | 84.0 | 85.7 | 88.2 | 88.8 | 91.0 | 93.1 | 93.2 | 94.3 | 95.5 | 96.7 | 97.0 | 97.6 | 98.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 11.9 12.1 | 51.1 56.1 | 51.9 56.9 | 52.2 57.2 | 52.4 57.5 | 52.5 57.5 | 52.6 57.6 | 52.6 57.6 | 52.6 57.6 | 52.6 57.6 | 52.6 57.7 | 52.6 57.7 | 52.6 57.7 | 52.6 57.7 | 52.6 57.7 | 52.7 57.8 |
| ≥ 18000 ≥ 16000 | 12.1 12.1 | 56.2 56.2 | 57.1 57.1 | 57.3 57.3 | 57.6 57.6 | 57.6 57.6 | 57.7 57.7 | 57.7 57.7 | 57.7 57.7 | 57.8 57.8 | 57.8 57.8 | 57.8 57.8 | 57.8 57.8 | 57.8 57.8 | 57.8 57.8 | 57.9 57.9 |
| ≥ 14000 ≥ 12000 | 12.1 12.2 | 56.3 57.8 | 57.2 58.7 | 57.4 59.0 | 57.7 59.2 | 57.7 59.3 | 57.8 59.4 | 57.8 59.4 | 57.8 59.4 | 57.9 59.4 | 57.9 59.5 | 57.9 59.5 | 57.9 59.5 | 57.9 59.5 | 57.9 59.5 | 58.0 59.5 |
| ≥ 10000 ≥ 9000 | 12.5 12.5 | 61.1 61.4 | 62.1 62.4 | 62.5 62.8 | 62.8 63.2 | 62.9 63.3 | 63.0 63.4 | 63.1 63.4 | 63.1 63.4 | 63.1 63.5 | 63.1 63.5 | 63.2 63.5 | 63.2 63.5 | 63.2 63.5 | 63.2 63.5 | 63.3 63.6 |
| ≥ 8000 ≥ 7000 | 12.9 13.0 | 65.9 67.4 | 67.0 68.6 | 67.6 69.2 | 68.0 69.6 | 68.2 69.7 | 68.3 69.9 | 68.4 70.0 | 68.4 70.0 | 68.4 70.1 | 68.5 70.1 | 68.5 70.1 | 68.5 70.1 | 68.5 70.2 | 68.5 70.2 | 68.6 70.3 |
| ≥ 6000 ≥ 5000 | 13.1 13.3 | 67.9 69.5 | 69.2 70.9 | 69.8 71.6 | 70.2 72.0 | 70.4 72.2 | 70.6 72.4 | 70.6 72.5 | 70.6 72.5 | 70.7 72.6 | 70.8 72.6 | 70.8 72.6 | 70.8 72.6 | 70.8 72.7 | 70.8 72.7 | 70.9 72.8 |
| ≥ 4500 ≥ 4000 | 13.3 13.4 | 70.4 71.7 | 71.8 73.2 | 72.5 73.9 | 72.9 74.5 | 73.1 74.6 | 73.3 74.8 | 73.4 74.9 | 73.4 75.0 | 73.5 75.0 | 73.5 75.1 | 73.5 75.1 | 73.5 75.1 | 73.6 75.1 | 73.6 75.1 | 73.7 75.2 |
| ≥ 3500 ≥ 3000 | 13.4 13.7 | 72.8 75.5 | 74.4 77.1 | 75.2 78.1 | 75.7 78.8 | 75.9 78.9 | 76.1 79.2 | 76.2 79.4 | 76.2 79.4 | 76.3 79.6 | 76.4 79.6 | 76.4 79.7 | 76.4 79.7 | 76.5 79.8 | 76.5 79.8 | 76.6 79.8 |
| ≥ 2500 ≥ 2000 | 13.9 14.2 | 77.2 78.4 | 79.2 80.5 | 80.5 82.0 | 81.2 83.0 | 81.4 83.3 | 81.8 83.8 | 82.1 84.2 | 82.1 84.3 | 82.3 84.4 | 82.4 84.5 | 82.4 84.5 | 82.4 84.6 | 82.5 84.7 | 82.5 84.7 | 82.6 84.7 |
| ≥ 1800 ≥ 1500 | 14.2 14.3 | 78.5 79.3 | 80.6 81.5 | 82.1 83.2 | 83.1 84.4 | 83.3 84.7 | 83.9 85.4 | 84.3 86.0 | 84.4 86.1 | 84.5 86.3 | 84.6 86.4 | 84.6 86.4 | 84.7 86.5 | 84.7 86.6 | 84.7 86.6 | 84.8 86.7 |
| ≥ 1200 ≥ 1000 | 14.3 14.3 | 79.5 79.9 | 81.7 82.3 | 83.5 84.3 | 84.7 85.6 | 85.0 86.0 | 85.8 86.9 | 86.6 88.0 | 86.8 88.2 | 87.0 88.5 | 87.1 88.7 | 87.1 88.7 | 87.2 88.8 | 87.2 89.0 | 87.2 89.0 | 87.3 89.0 |
| ≥ 900 ≥ 800 | 14.3 14.3 | 80.0 80.0 | 82.4 82.5 | 84.4 84.6 | 85.9 86.2 | 86.3 86.6 | 87.2 87.6 | 88.4 89.0 | 88.5 89.2 | 89.0 89.8 | 89.1 90.0 | 89.2 90.0 | 89.3 90.2 | 89.4 90.3 | 89.4 90.3 | 89.5 90.4 |
| ≥ 700 ≥ 600 | 14.3 14.3 | 80.1 80.1 | 82.6 82.7 | 84.7 85.0 | 86.4 86.8 | 87.0 87.5 | 88.1 88.8 | 89.5 90.4 | 89.8 90.8 | 90.5 91.6 | 90.8 92.0 | 90.8 92.0 | 91.1 92.4 | 91.2 92.5 | 91.2 92.5 | 91.3 92.6 |
| ≥ 500 ≥ 400 | 14.3 14.3 | 80.2 80.2 | 83.0 83.0 | 85.4 85.5 | 87.4 87.6 | 88.1 88.3 | 89.6 89.9 | 91.5 92.0 | 91.8 92.4 | 92.8 93.6 | 93.3 94.3 | 93.5 94.6 | 94.1 95.2 | 94.3 95.5 | 94.3 95.5 | 94.4 95.6 |
| ≥ 300 ≥ 200 | 14.3 14.3 | 80.3 80.3 | 83.0 83.0 | 85.5 85.5 | 87.7 87.7 | 88.4 88.4 | 90.0 90.1 | 92.4 92.5 | 92.8 92.9 | 94.1 94.3 | 95.0 95.3 | 95.5 95.9 | 96.3 96.8 | 96.7 97.5 | 96.8 97.7 | 96.9 97.9 |
| ≥ 100 0 | 14.3 14.3 | 80.3 80.3 | 83.0 83.0 | 85.5 85.5 | 87.7 87.7 | 88.4 88.4 | 90.1 90.1 | 92.5 92.5 | 92.9 92.9 | 94.3 94.3 | 95.3 95.3 | 95.9 95.9 | 97.1 97.1 | 98.0 98.0 | 98.4 98.4 | 99.1 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6654

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 11.7 | 50.0 | 50.6 | 51.1 | 51.2 | 51.2 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.5 | 51.8 | 51.8 | 51.8 | 52.3 |
| ≥ 20000 | 11.9 | 52.1 | 52.7 | 53.2 | 53.3 | 53.3 | 53.5 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 53.9 | 54.4 |
| ≥ 18000 | 11.9 | 52.1 | 52.7 | 53.2 | 53.3 | 53.3 | 53.5 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 53.9 | 54.4 |
| ≥ 16000 | 11.9 | 52.1 | 52.7 | 53.2 | 53.3 | 53.3 | 53.5 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 53.9 | 54.4 |
| ≥ 14000 | 11.9 | 52.2 | 52.8 | 53.3 | 53.5 | 53.5 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 54.1 | 54.1 | 54.1 | 54.6 |
| ≥ 12000 | 11.9 | 52.8 | 53.3 | 53.9 | 54.1 | 54.1 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.6 | 54.6 | 54.6 | 55.2 |
| ≥ 10000 | 12.1 | 55.1 | 55.6 | 56.3 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.9 | 56.9 | 56.9 | 57.1 | 57.1 | 57.1 | 57.6 |
| ≥ 9000 | 12.1 | 55.4 | 56.0 | 56.6 | 56.9 | 56.9 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.4 | 57.4 | 57.4 | 58.0 |
| ≥ 8000 | 12.6 | 58.8 | 59.4 | 60.2 | 60.5 | 60.5 | 60.7 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 61.1 | 61.1 | 61.1 | 61.6 |
| ≥ 7000 | 12.7 | 60.2 | 60.7 | 61.5 | 61.8 | 61.8 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.9 |
| ≥ 6000 | 12.9 | 61.3 | 61.8 | 62.6 | 62.9 | 62.9 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.5 | 63.5 | 63.5 | 64.0 |
| ≥ 5000 | 13.5 | 63.1 | 63.6 | 64.4 | 64.7 | 64.7 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.3 | 65.3 | 65.3 | 65.8 |
| ≥ 4500 | 13.6 | 64.2 | 64.7 | 65.5 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.2 | 66.2 | 66.2 | 66.4 | 66.4 | 66.4 | 66.9 |
| ≥ 4000 | 14.0 | 66.3 | 66.8 | 67.7 | 68.0 | 68.0 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.6 | 68.6 | 68.6 | 69.2 |
| ≥ 3500 | 14.3 | 68.0 | 68.6 | 69.6 | 69.9 | 69.9 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.5 | 70.5 | 70.5 | 71.1 |
| ≥ 3000 | 14.6 | 72.9 | 73.8 | 75.0 | 75.3 | 75.3 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 76.5 |
| ≥ 2500 | 14.6 | 73.8 | 74.7 | 76.0 | 76.4 | 76.4 | 76.7 | 76.7 | 76.8 | 77.0 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.9 |
| ≥ 2000 | 14.6 | 75.6 | 76.4 | 77.8 | 78.2 | 78.2 | 78.8 | 78.8 | 78.8 | 78.9 | 79.1 | 79.3 | 79.3 | 79.5 | 79.5 | 80.2 |
| ≥ 1800 | 14.6 | 75.6 | 76.4 | 77.8 | 78.2 | 78.2 | 78.8 | 78.8 | 78.8 | 78.9 | 79.1 | 79.3 | 79.3 | 79.5 | 79.5 | 80.2 |
| ≥ 1500 | 14.6 | 76.7 | 77.9 | 79.3 | 80.2 | 80.2 | 81.1 | 81.1 | 81.2 | 81.5 | 81.7 | 81.7 | 82.0 | 82.0 | 82.0 | 82.6 |
| ≥ 1200 | 14.6 | 77.1 | 78.3 | 79.8 | 80.9 | 80.9 | 81.7 | 81.7 | 81.9 | 82.2 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 83.3 |
| ≥ 1000 | 14.6 | 77.8 | 79.0 | 80.6 | 81.9 | 82.0 | 82.9 | 83.3 | 83.5 | 83.8 | 84.1 | 84.1 | 84.3 | 84.3 | 84.3 | 85.0 |
| ≥ 900 | 14.6 | 77.9 | 79.1 | 80.8 | 82.3 | 82.4 | 83.3 | 83.8 | 84.1 | 84.4 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 85.5 |
| ≥ 800 | 14.6 | 78.2 | 79.4 | 81.1 | 82.7 | 82.9 | 83.7 | 84.8 | 85.1 | 85.4 | 85.6 | 85.6 | 85.8 | 85.8 | 85.8 | 86.5 |
| ≥ 700 | 14.6 | 78.3 | 79.5 | 81.4 | 83.2 | 83.3 | 84.5 | 85.7 | 86.0 | 86.3 | 86.5 | 86.5 | 86.7 | 86.7 | 86.7 | 87.4 |
| ≥ 600 | 14.6 | 78.3 | 79.5 | 81.5 | 83.6 | 83.7 | 85.2 | 86.6 | 86.8 | 87.2 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 88.3 |
| ≥ 500 | 14.6 | 78.3 | 79.8 | 81.7 | 84.0 | 84.1 | 86.1 | 87.5 | 87.8 | 88.6 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.7 |
| ≥ 400 | 14.6 | 78.3 | 79.9 | 81.9 | 84.1 | 84.2 | 86.2 | 87.8 | 88.2 | 89.0 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 90.6 |
| ≥ 300 | 14.6 | 78.3 | 80.0 | 82.0 | 84.2 | 84.4 | 86.4 | 88.2 | 88.5 | 89.7 | 90.5 | 90.6 | 91.2 | 91.4 | 91.6 | 92.3 |
| ≥ 200 | 14.6 | 78.3 | 80.0 | 82.1 | 84.3 | 84.5 | 86.7 | 88.5 | 88.8 | 90.8 | 91.7 | 92.3 | 93.4 | 93.8 | 94.1 | 94.9 |
| ≥ 100 | 14.6 | 78.3 | 80.0 | 82.1 | 84.3 | 84.5 | 86.7 | 88.5 | 88.8 | 90.9 | 91.9 | 92.5 | 93.6 | 94.7 | 95.4 | 97.8 |
| ≥ 0 | 14.6 | 78.3 | 80.0 | 82.1 | 84.3 | 84.5 | 86.7 | 88.5 | 88.8 | 91.0 | 92.0 | 92.6 | 93.7 | 94.8 | 95.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 904

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 12.6 | 50.9 | 51.6 | 51.6 | 51.9 | 51.9 | 52.1 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.4 |
| ≥ 20000 | 13.2 | 53.7 | 54.5 | 54.5 | 54.9 | 54.9 | 55.1 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 |
| IV 18000 | 13.2 | 53.7 | 54.5 | 54.5 | 54.9 | 54.9 | 55.1 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 |
| IV 16000 | 13.2 | 53.7 | 54.5 | 54.5 | 54.9 | 54.9 | 55.1 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 |
| IV 14000 | 13.2 | 53.9 | 54.8 | 54.8 | 55.1 | 55.1 | 55.3 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.7 |
| IV 12000 | 13.2 | 54.5 | 55.4 | 55.4 | 55.8 | 55.8 | 56.0 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.3 |
| IV 10000 | 13.3 | 56.2 | 57.1 | 57.1 | 57.5 | 57.5 | 57.8 | 57.9 | 57.9 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 |
| IV 9000 | 13.3 | 56.3 | 57.2 | 57.2 | 57.6 | 57.6 | 57.9 | 58.0 | 58.0 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 |
| IV 8000 | 13.3 | 58.3 | 59.2 | 59.2 | 59.8 | 59.8 | 60.0 | 60.1 | 60.1 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.6 |
| IV 7000 | 13.3 | 60.3 | 61.2 | 61.2 | 61.8 | 61.8 | 62.0 | 62.1 | 62.1 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.6 |
| IV 6000 | 13.3 | 61.4 | 62.3 | 62.3 | 62.9 | 62.9 | 63.1 | 63.2 | 63.2 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 |
| IV 5000 | 13.5 | 63.4 | 64.4 | 64.4 | 65.0 | 65.0 | 65.2 | 65.3 | 65.3 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.9 |
| IV 4500 | 13.5 | 64.5 | 65.5 | 65.5 | 66.1 | 66.1 | 66.3 | 66.4 | 66.4 | 66.7 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 |
| IV 4000 | 13.9 | 66.3 | 67.3 | 67.3 | 67.8 | 67.8 | 68.1 | 68.2 | 68.2 | 68.6 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.0 |
| IV 3500 | 14.1 | 67.4 | 68.7 | 68.7 | 69.3 | 69.3 | 69.5 | 69.6 | 69.6 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 |
| IV 3000 | 14.6 | 70.6 | 72.0 | 72.3 | 72.8 | 72.8 | 73.1 | 73.2 | 73.2 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 |
| IV 2500 | 14.6 | 71.6 | 73.1 | 73.5 | 74.1 | 74.1 | 74.3 | 74.5 | 74.5 | 74.9 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.4 |
| IV 2000 | 14.6 | 72.8 | 74.6 | 75.4 | 76.3 | 76.3 | 76.7 | 76.9 | 76.9 | 77.5 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 |
| IV 1800 | 14.6 | 72.9 | 74.7 | 75.5 | 76.4 | 76.4 | 76.8 | 77.1 | 77.1 | 77.6 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 78.0 |
| IV 1500 | 14.6 | 73.4 | 75.3 | 76.4 | 77.5 | 77.5 | 78.4 | 78.6 | 78.7 | 79.3 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 |
| IV 1200 | 14.6 | 74.3 | 76.2 | 77.3 | 78.5 | 78.5 | 79.5 | 79.7 | 79.8 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 |
| IV 1000 | 14.6 | 75.2 | 77.2 | 78.5 | 80.0 | 80.0 | 81.2 | 81.6 | 81.9 | 82.5 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 |
| IV 900 | 14.6 | 75.4 | 77.4 | 78.9 | 80.6 | 80.6 | 81.7 | 82.3 | 82.6 | 83.1 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 |
| IV 800 | 14.6 | 75.4 | 77.4 | 79.2 | 80.8 | 80.8 | 81.9 | 82.9 | 83.3 | 83.9 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.9 |
| IV 700 | 14.6 | 75.4 | 77.4 | 79.2 | 81.3 | 81.3 | 82.4 | 83.6 | 83.9 | 84.7 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.8 |
| IV 600 | 14.6 | 75.4 | 77.4 | 79.3 | 81.4 | 81.5 | 82.6 | 84.3 | 84.6 | 85.4 | 86.1 | 86.1 | 86.4 | 86.5 | 86.5 | 86.6 |
| IV 500 | 14.6 | 75.4 | 77.4 | 79.3 | 81.6 | 81.7 | 83.3 | 85.3 | 85.6 | 87.0 | 88.2 | 88.2 | 88.5 | 88.6 | 88.6 | 88.7 |
| IV 400 | 14.6 | 75.4 | 77.4 | 79.4 | 82.0 | 82.2 | 83.7 | 85.8 | 86.1 | 87.6 | 89.0 | 89.0 | 89.2 | 89.4 | 89.7 | 89.8 |
| IV 300 | 14.6 | 75.4 | 77.4 | 79.4 | 82.5 | 82.6 | 84.1 | 86.4 | 86.8 | 88.6 | 90.0 | 90.0 | 90.9 | 91.1 | 91.5 | 91.6 |
| IV 200 | 14.6 | 75.4 | 77.4 | 79.4 | 82.5 | 82.6 | 84.5 | 86.8 | 87.4 | 89.6 | 91.2 | 91.2 | 93.2 | 93.8 | 94.2 | 94.6 |
| IV 100 | 14.6 | 75.4 | 77.4 | 79.4 | 82.5 | 82.6 | 84.5 | 86.8 | 87.4 | 89.6 | 91.5 | 91.5 | 93.7 | 95.0 | 96.0 | 98.2 |
| IV 0 | 14.6 | 75.4 | 77.4 | 79.4 | 82.5 | 82.6 | 84.5 | 86.8 | 87.4 | 89.6 | 91.5 | 91.5 | 93.7 | 95.0 | 96.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/10 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 12.1 | 42.5 | 43.6 | 43.9 | 44.0 | 44.0 | 44.1 | 44.2 | 44.2 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.4 | 44.5 |
| ≥ 20000 | 12.1 | 46.2 | 47.5 | 48.0 | 48.2 | 48.2 | 48.3 | 48.5 | 48.5 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.7 | 48.8 |
| ≥ 18000 | 12.1 | 46.4 | 47.7 | 48.2 | 48.4 | 48.4 | 48.5 | 48.7 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.9 | 49.1 |
| ≥ 16000 | 12.1 | 46.5 | 47.8 | 48.3 | 48.5 | 48.5 | 48.6 | 48.8 | 48.8 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.1 | 49.2 |
| ≥ 14000 | 12.1 | 46.7 | 48.1 | 48.5 | 48.7 | 48.7 | 48.8 | 49.1 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.3 | 49.4 |
| ≥ 12000 | 12.5 | 48.4 | 49.7 | 50.2 | 50.5 | 50.5 | 50.7 | 50.9 | 50.9 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.3 |
| ≥ 10000 | 13.1 | 51.5 | 53.2 | 53.6 | 53.9 | 53.9 | 54.3 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.8 |
| ≥ 9000 | 13.3 | 52.0 | 53.7 | 54.2 | 54.5 | 54.5 | 54.8 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.3 | 55.4 |
| ≥ 8000 | 13.4 | 55.4 | 57.0 | 57.7 | 58.5 | 58.6 | 58.9 | 59.2 | 59.2 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.6 | 59.7 |
| ≥ 7000 | 13.4 | 56.7 | 58.4 | 59.1 | 60.1 | 60.4 | 60.7 | 61.2 | 61.2 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.6 | 61.7 |
| ≥ 6000 | 13.4 | 57.7 | 59.5 | 60.4 | 61.4 | 61.6 | 61.9 | 62.5 | 62.5 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.9 |
| ≥ 5000 | 13.4 | 60.1 | 62.1 | 63.0 | 64.0 | 64.2 | 64.6 | 65.1 | 65.1 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.6 |
| ≥ 4500 | 13.4 | 61.1 | 63.1 | 64.0 | 65.0 | 65.2 | 65.6 | 66.1 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.6 |
| ≥ 4000 | 13.7 | 63.2 | 65.2 | 66.1 | 67.3 | 67.6 | 67.9 | 68.4 | 68.4 | 68.7 | 68.8 | 68.8 | 68.8 | 68.9 | 69.0 | 69.1 |
| ≥ 3500 | 13.7 | 64.1 | 66.1 | 67.1 | 68.3 | 68.5 | 68.9 | 69.4 | 69.4 | 69.8 | 69.9 | 69.9 | 69.9 | 70.0 | 70.1 | 70.2 |
| ≥ 3000 | 13.7 | 65.6 | 67.9 | 69.1 | 70.3 | 70.5 | 71.0 | 71.9 | 72.0 | 72.3 | 72.4 | 72.4 | 72.4 | 72.5 | 72.6 | 72.9 |
| ≥ 2500 | 14.1 | 67.7 | 70.0 | 71.5 | 72.8 | 73.0 | 73.5 | 74.5 | 74.9 | 75.2 | 75.3 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 |
| ≥ 2000 | 14.0 | 68.2 | 70.8 | 72.4 | 73.8 | 74.1 | 74.8 | 76.0 | 76.3 | 76.7 | 77.2 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 |
| ≥ 1800 | 14.0 | 68.2 | 70.8 | 72.4 | 73.8 | 74.1 | 74.8 | 76.0 | 76.3 | 76.7 | 77.2 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 |
| ≥ 1500 | 14.0 | 68.9 | 71.7 | 73.3 | 75.1 | 75.4 | 76.4 | 77.6 | 78.0 | 78.4 | 79.0 | 79.0 | 79.3 | 79.4 | 79.5 | 79.6 |
| ≥ 1200 | 14.0 | 69.2 | 72.0 | 73.6 | 75.4 | 75.7 | 76.7 | 78.0 | 78.3 | 78.7 | 79.3 | 79.3 | 79.6 | 79.7 | 79.8 | 80.0 |
| ≥ 1000 | 14.0 | 69.8 | 73.1 | 74.8 | 76.7 | 77.3 | 78.7 | 80.0 | 80.4 | 81.1 | 82.1 | 82.1 | 82.4 | 82.5 | 82.6 | 82.7 |
| ≥ 900 | 14.0 | 70.1 | 73.4 | 75.1 | 77.1 | 77.6 | 79.1 | 80.5 | 81.0 | 81.6 | 82.6 | 82.6 | 82.9 | 83.1 | 83.2 | 83.4 |
| ≥ 800 | 14.0 | 70.2 | 73.6 | 75.6 | 77.7 | 78.4 | 80.1 | 81.6 | 82.1 | 82.7 | 83.7 | 83.7 | 84.2 | 84.3 | 84.4 | 84.6 |
| ≥ 700 | 14.0 | 70.4 | 73.9 | 75.9 | 78.1 | 78.8 | 80.5 | 82.2 | 82.6 | 83.3 | 84.4 | 84.4 | 84.8 | 84.9 | 85.0 | 85.3 |
| ≥ 600 | 14.0 | 70.5 | 74.2 | 76.6 | 79.1 | 80.0 | 81.7 | 83.5 | 83.9 | 84.6 | 85.9 | 85.9 | 86.6 | 86.7 | 86.8 | 87.0 |
| ≥ 500 | 14.0 | 70.8 | 74.4 | 76.9 | 79.6 | 80.7 | 82.8 | 84.9 | 85.6 | 86.5 | 87.9 | 88.2 | 88.9 | 89.3 | 89.1 | 89.4 |
| ≥ 400 | 14.0 | 70.8 | 74.5 | 77.0 | 79.8 | 81.2 | 83.4 | 85.7 | 86.4 | 87.3 | 89.1 | 89.9 | 90.9 | 91.7 | 91.1 | 91.4 |
| ≥ 300 | 14.0 | 70.8 | 74.5 | 77.0 | 80.0 | 81.4 | 83.6 | 86.4 | 87.2 | 88.3 | 91.0 | 92.0 | 93.5 | 94.0 | 94.1 | 94.4 |
| ≥ 200 | 14.0 | 70.8 | 74.5 | 77.0 | 80.0 | 81.4 | 83.6 | 86.4 | 87.2 | 88.5 | 91.5 | 92.6 | 94.1 | 95.5 | 95.9 | 96.5 |
| ≥ 100 | 14.0 | 70.8 | 74.5 | 77.0 | 80.0 | 81.4 | 83.6 | 86.4 | 87.2 | 88.6 | 91.8 | 92.9 | 94.5 | 96.0 | 96.7 | 99.0 |
| ≥ 0 | 14.0 | 70.8 | 74.5 | 77.0 | 80.0 | 81.4 | 83.6 | 86.4 | 87.2 | 88.6 | 91.8 | 92.9 | 94.5 | 96.3 | 96.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 903

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927

BRUNSWICK NAS ME

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 12.6 | 44.4 | 44.8 | 44.9 | 45.2 | 45.2 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.4 |
| ≥ 20000 | 12.9 | 49.0 | 49.7 | 49.9 | 50.1 | 50.1 | 50.2 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.4 |
| ≥ 18000 | 12.9 | 49.8 | 50.4 | 50.7 | 50.9 | 50.9 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 |
| ≥ 16000 | 12.9 | 49.9 | 50.6 | 50.8 | 51.0 | 51.0 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.3 |
| ≥ 14000 | 12.9 | 50.2 | 50.9 | 51.1 | 51.3 | 51.3 | 51.4 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.7 |
| ≥ 12000 | 13.2 | 52.0 | 52.6 | 52.9 | 53.1 | 53.1 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.4 |
| ≥ 10000 | 13.5 | 53.4 | 54.2 | 54.4 | 54.6 | 54.6 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.0 |
| ≥ 9000 | 13.9 | 54.1 | 54.8 | 55.1 | 55.3 | 55.3 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.6 |
| ≥ 8000 | 14.1 | 57.7 | 58.6 | 58.8 | 59.0 | 59.0 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 |
| ≥ 7000 | 14.1 | 58.9 | 59.9 | 60.2 | 60.5 | 60.5 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.9 |
| ≥ 6000 | 14.2 | 59.6 | 60.8 | 61.1 | 61.3 | 61.3 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 |
| ≥ 5000 | 14.2 | 61.5 | 62.9 | 63.2 | 63.4 | 63.4 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 |
| ≥ 4500 | 14.2 | 62.6 | 64.0 | 64.3 | 64.5 | 64.5 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 |
| ≥ 4000 | 14.5 | 64.9 | 66.4 | 66.9 | 67.1 | 67.1 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.5 |
| ≥ 3500 | 14.5 | 66.4 | 68.1 | 68.4 | 68.6 | 68.6 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.1 |
| ≥ 3000 | 14.5 | 69.3 | 70.9 | 71.9 | 72.4 | 72.4 | 72.7 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 73.0 | 73.1 |
| ≥ 2500 | 14.5 | 71.1 | 72.8 | 73.8 | 74.6 | 74.7 | 75.2 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.8 | 75.9 |
| ≥ 2000 | 14.5 | 72.4 | 74.0 | 75.1 | 75.9 | 76.0 | 76.9 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.5 | 77.6 |
| ≥ 1800 | 14.5 | 72.6 | 74.2 | 75.3 | 76.1 | 76.2 | 77.1 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.8 | 77.9 |
| ≥ 1500 | 14.5 | 72.9 | 74.9 | 76.1 | 76.9 | 77.1 | 78.2 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 | 79.3 |
| ≥ 1200 | 14.5 | 73.3 | 75.6 | 76.9 | 77.9 | 78.1 | 79.3 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.3 | 80.4 |
| ≥ 1000 | 14.5 | 74.2 | 76.9 | 78.2 | 79.2 | 79.7 | 81.2 | 82.2 | 82.2 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.8 | 82.9 |
| ≥ 900 | 14.5 | 74.4 | 77.3 | 78.7 | 79.7 | 80.4 | 81.8 | 82.8 | 82.8 | 83.1 | 83.1 | 83.1 | 83.1 | 83.3 | 83.5 | 83.6 |
| ≥ 800 | 14.5 | 74.6 | 77.4 | 79.2 | 80.3 | 81.1 | 83.4 | 84.8 | 84.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.4 | 85.7 | 85.8 |
| ≥ 700 | 14.5 | 74.6 | 77.4 | 79.4 | 80.6 | 81.6 | 84.0 | 85.7 | 85.7 | 86.5 | 86.5 | 86.7 | 86.7 | 86.8 | 87.3 | 87.4 |
| ≥ 600 | 14.5 | 74.8 | 77.8 | 79.7 | 81.3 | 82.5 | 85.4 | 87.4 | 87.4 | 88.3 | 88.8 | 88.8 | 89.0 | 89.6 | 89.6 | 89.8 |
| ≥ 500 | 14.5 | 74.9 | 77.9 | 79.8 | 81.9 | 83.1 | 86.5 | 88.7 | 88.7 | 90.2 | 91.7 | 91.9 | 92.5 | 93.3 | 93.3 | 93.4 |
| ≥ 400 | 14.5 | 74.9 | 77.9 | 80.0 | 82.0 | 83.3 | 86.7 | 89.3 | 89.3 | 91.0 | 92.8 | 93.0 | 93.9 | 95.0 | 95.0 | 95.2 |
| ≥ 300 | 14.5 | 74.9 | 77.9 | 80.0 | 82.0 | 83.3 | 86.9 | 90.2 | 90.3 | 92.1 | 94.1 | 94.2 | 95.3 | 96.7 | 96.7 | 96.8 |
| ≥ 200 | 14.5 | 74.9 | 77.9 | 80.0 | 82.0 | 83.3 | 86.9 | 90.2 | 90.3 | 92.1 | 94.2 | 94.3 | 95.8 | 97.7 | 97.9 | 98.5 |
| ≥ 100 | 14.5 | 74.9 | 77.9 | 80.0 | 82.0 | 83.3 | 86.9 | 90.2 | 90.3 | 92.1 | 94.2 | 94.3 | 95.8 | 98.0 | 98.6 | 99.7 |
| ≥ 0 | 14.5 | 74.9 | 77.9 | 80.0 | 82.0 | 83.3 | 86.9 | 90.2 | 90.3 | 92.1 | 94.2 | 94.3 | 95.8 | 98.0 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743921

BRUNSWICK NAS ME

69-70,73-80

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 10.9 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 |
| ≥ 20000 | 11.5 | 44.3 | 44.4 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| ≥ 18000 | 11.5 | 44.7 | 44.8 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| ≥ 16000 | 11.5 | 45.2 | 45.3 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| ≥ 14000 | 11.5 | 45.3 | 45.4 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| ≥ 12000 | 12.0 | 47.3 | 47.4 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 |
| ≥ 10000 | 12.5 | 49.9 | 50.0 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| ≥ 9000 | 12.6 | 50.2 | 50.3 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| ≥ 8000 | 13.1 | 54.7 | 54.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 7000 | 13.1 | 55.9 | 56.0 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 6000 | 13.1 | 56.3 | 56.4 | 56.6 | 56.7 | 56.7 | 56.7 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 5000 | 13.4 | 58.4 | 58.6 | 58.8 | 58.9 | 58.9 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 4500 | 13.5 | 59.7 | 59.9 | 60.2 | 60.3 | 60.3 | 60.3 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 4000 | 14.7 | 63.5 | 63.7 | 64.3 | 64.4 | 64.4 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 3500 | 14.7 | 65.8 | 66.0 | 66.8 | 66.9 | 66.9 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 3000 | 14.8 | 71.2 | 72.1 | 73.0 | 73.3 | 73.3 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 2500 | 14.8 | 73.5 | 74.4 | 75.3 | 75.6 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 2000 | 14.8 | 75.3 | 76.5 | 77.5 | 78.0 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 1800 | 14.8 | 75.3 | 76.6 | 77.7 | 78.2 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 1500 | 14.8 | 76.4 | 77.7 | 79.1 | 79.7 | 80.1 | 80.1 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 1200 | 14.8 | 77.4 | 79.6 | 81.8 | 82.7 | 83.3 | 83.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 1000 | 14.8 | 78.1 | 79.6 | 81.8 | 82.7 | 83.3 | 83.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 900 | 14.8 | 78.4 | 79.8 | 82.2 | 83.3 | 84.0 | 84.0 | 85.2 | 85.2 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 800 | 14.8 | 78.5 | 80.0 | 82.5 | 83.7 | 84.6 | 84.8 | 86.2 | 86.2 | 86.3 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 700 | 14.8 | 78.6 | 80.3 | 83.4 | 84.8 | 85.7 | 86.5 | 88.2 | 88.2 | 88.4 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 600 | 14.8 | 78.8 | 80.8 | 83.8 | 85.4 | 86.4 | 87.5 | 89.8 | 89.8 | 90.0 | 90.5 | 90.5 | 90.7 | 90.8 | 90.8 | 90.8 |
| ≥ 500 | 14.8 | 78.9 | 81.2 | 84.3 | 86.4 | 87.8 | 89.1 | 91.8 | 91.9 | 92.5 | 93.5 | 93.5 | 93.8 | 94.0 | 94.0 | 94.0 |
| ≥ 400 | 14.8 | 78.9 | 81.2 | 84.3 | 86.5 | 87.9 | 89.3 | 92.5 | 92.7 | 93.4 | 94.9 | 95.1 | 95.6 | 95.9 | 95.9 | 96.2 |
| ≥ 300 | 14.9 | 79.0 | 81.3 | 84.4 | 86.7 | 88.1 | 89.6 | 93.0 | 93.4 | 94.5 | 96.4 | 96.6 | 97.6 | 98.0 | 98.1 | 98.4 |
| ≥ 200 | 14.9 | 79.0 | 81.3 | 84.4 | 86.7 | 88.1 | 89.6 | 93.0 | 93.4 | 94.5 | 96.6 | 96.8 | 97.9 | 98.6 | 99.1 | 99.6 |
| ≥ 100 | 14.9 | 79.0 | 81.3 | 84.4 | 86.7 | 88.1 | 89.6 | 93.0 | 93.4 | 94.5 | 96.6 | 96.8 | 98.0 | 98.7 | 99.2 | 99.8 |
| ≥ 0 | 14.9 | 79.0 | 81.3 | 84.4 | 86.7 | 88.1 | 89.6 | 93.0 | 93.4 | 94.5 | 96.6 | 96.8 | 98.7 | 98.7 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 910

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATIONBRUNSWICK NAS ME
STATION NAME69-70,73-80
YEARSMAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 10.3 | 42.2 | 42.4 | 42.4 | 42.4 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 20000 | 10.9 | 46.9 | 47.2 | 47.2 | 47.3 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| ≥ 18000 | 10.9 | 47.1 | 47.5 | 47.5 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 16000 | 10.9 | 47.3 | 47.7 | 47.7 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| ≥ 14000 | 10.9 | 47.7 | 48.1 | 48.0 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| ≥ 12000 | 10.9 | 48.9 | 49.2 | 49.3 | 49.4 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 10000 | 11.8 | 51.4 | 51.9 | 52.0 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| ≥ 9000 | 11.9 | 51.8 | 52.2 | 52.3 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 8000 | 12.5 | 56.0 | 56.5 | 56.7 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 7000 | 13.1 | 57.6 | 58.3 | 58.5 | 58.6 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 6000 | 13.2 | 58.9 | 59.6 | 59.9 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.3 |
| ≥ 5000 | 13.2 | 61.1 | 61.9 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.5 |
| ≥ 4500 | 13.2 | 62.3 | 63.1 | 63.3 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.7 |
| ≥ 4000 | 14.0 | 65.4 | 66.2 | 66.4 | 66.5 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.9 | 66.9 | 66.9 | 67.2 |
| ≥ 3500 | 14.0 | 67.3 | 68.1 | 68.3 | 68.6 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.2 |
| ≥ 3000 | 14.1 | 73.1 | 73.8 | 74.2 | 74.6 | 74.8 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.3 |
| ≥ 2500 | 14.1 | 74.7 | 75.6 | 75.9 | 76.5 | 76.7 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.2 |
| ≥ 2000 | 14.2 | 76.7 | 77.9 | 78.3 | 78.9 | 79.2 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.7 |
| ≥ 1800 | 14.2 | 76.9 | 78.2 | 78.5 | 79.2 | 79.4 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.9 |
| ≥ 1500 | 14.2 | 77.7 | 79.0 | 79.5 | 80.2 | 80.4 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 81.0 |
| ≥ 1200 | 14.2 | 78.2 | 79.6 | 80.0 | 80.8 | 81.0 | 81.5 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.5 |
| ≥ 1000 | 14.2 | 78.6 | 80.8 | 81.4 | 82.4 | 82.6 | 83.0 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.1 |
| ≥ 900 | 14.2 | 78.6 | 80.9 | 81.6 | 82.8 | 83.0 | 83.5 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.7 |
| ≥ 800 | 14.2 | 78.6 | 81.2 | 81.9 | 83.6 | 84.0 | 84.5 | 85.6 | 85.6 | 85.8 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.3 |
| ≥ 700 | 14.2 | 78.6 | 81.5 | 82.4 | 84.4 | 84.8 | 85.4 | 86.7 | 86.7 | 87.4 | 87.6 | 87.7 | 88.0 | 88.0 | 88.0 | 88.1 |
| ≥ 600 | 14.2 | 78.6 | 82.0 | 83.0 | 85.7 | 86.5 | 87.0 | 88.7 | 88.7 | 89.8 | 90.2 | 90.5 | 90.8 | 90.8 | 90.8 | 90.9 |
| ≥ 500 | 14.2 | 78.8 | 82.3 | 83.3 | 86.1 | 87.1 | 87.9 | 90.0 | 90.0 | 91.5 | 92.2 | 92.5 | 92.9 | 92.9 | 92.9 | 93.0 |
| ≥ 400 | 14.2 | 78.8 | 82.3 | 83.5 | 86.4 | 87.5 | 88.7 | 91.2 | 91.2 | 92.8 | 93.7 | 93.9 | 94.5 | 94.6 | 94.6 | 94.7 |
| ≥ 300 | 14.2 | 78.8 | 82.3 | 83.5 | 86.4 | 87.6 | 88.9 | 92.1 | 92.1 | 93.9 | 95.5 | 95.7 | 96.6 | 96.9 | 96.9 | 97.3 |
| ≥ 200 | 14.2 | 78.8 | 82.3 | 83.5 | 86.4 | 87.6 | 88.9 | 92.2 | 92.2 | 94.0 | 95.9 | 96.1 | 97.5 | 98.0 | 98.4 | 99.0 |
| ≥ 100 | 14.2 | 78.8 | 82.3 | 83.5 | 86.4 | 87.6 | 88.9 | 92.2 | 92.2 | 94.0 | 95.9 | 96.1 | 97.5 | 98.0 | 98.6 | 99.7 |
| ≥ 0 | 14.2 | 78.8 | 82.3 | 83.5 | 86.4 | 87.6 | 88.9 | 92.2 | 92.2 | 94.0 | 95.9 | 96.1 | 97.5 | 98.0 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK, NAS ME

69-70, 73-80

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ |
| NO CEILING | 11.3 | 47.8 | 48.3 | 48.7 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.1 |
| ≥ 20000 | 11.5 | 51.3 | 51.7 | 52.2 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 |
| ≥ 18000 | 11.6 | 51.5 | 51.9 | 52.4 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.9 |
| ≥ 16000 | 11.6 | 51.6 | 52.0 | 52.5 | 52.7 | 52.7 | 52.7 | 52.8 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 53.0 |
| ≥ 14000 | 11.7 | 52.0 | 52.5 | 52.9 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.5 |
| ≥ 12000 | 11.7 | 53.0 | 53.7 | 54.3 | 54.5 | 54.5 | 54.5 | 54.6 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 |
| ≥ 10000 | 12.0 | 55.9 | 56.6 | 57.1 | 57.4 | 57.4 | 57.4 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.7 |
| ≥ 9000 | 12.0 | 56.0 | 56.7 | 57.4 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.9 |
| ≥ 8000 | 12.6 | 59.8 | 60.5 | 61.1 | 61.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 |
| ≥ 7000 | 12.6 | 61.0 | 61.7 | 62.3 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 |
| ≥ 6000 | 12.6 | 61.4 | 62.1 | 62.8 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 |
| ≥ 5000 | 12.8 | 62.8 | 63.6 | 64.2 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 |
| ≥ 4500 | 12.8 | 64.7 | 64.8 | 65.7 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 |
| ≥ 4000 | 13.8 | 67.6 | 68.5 | 69.4 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 |
| ≥ 3500 | 13.8 | 69.2 | 70.2 | 71.1 | 71.5 | 71.5 | 71.5 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 |
| ≥ 3000 | 14.0 | 72.6 | 74.0 | 75.2 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 |
| ≥ 2500 | 14.0 | 73.2 | 75.0 | 76.3 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 |
| ≥ 2000 | 14.0 | 74.1 | 76.3 | 77.7 | 78.4 | 78.4 | 78.4 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 79.0 |
| ≥ 1800 | 14.0 | 74.2 | 76.5 | 78.0 | 78.7 | 78.7 | 78.7 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.5 |
| ≥ 1500 | 14.0 | 74.9 | 77.7 | 79.5 | 80.5 | 80.5 | 80.7 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.4 |
| ≥ 1200 | 14.0 | 76.3 | 79.6 | 81.4 | 82.5 | 82.6 | 82.8 | 83.1 | 83.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.6 |
| ≥ 1000 | 14.1 | 77.1 | 80.8 | 82.7 | 83.9 | 84.1 | 84.4 | 84.6 | 84.6 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 85.5 |
| ≥ 900 | 14.1 | 77.1 | 81.0 | 82.9 | 84.3 | 84.4 | 84.8 | 85.2 | 85.2 | 85.3 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 86.0 |
| ≥ 800 | 14.1 | 77.2 | 81.2 | 83.4 | 84.9 | 85.0 | 85.5 | 85.8 | 85.8 | 85.9 | 86.2 | 86.2 | 86.3 | 86.3 | 86.4 | 86.8 |
| ≥ 700 | 14.1 | 77.3 | 81.7 | 84.1 | 85.9 | 86.0 | 86.6 | 87.0 | 87.0 | 87.3 | 87.5 | 87.5 | 87.6 | 87.6 | 87.7 | 88.2 |
| ≥ 600 | 14.1 | 77.5 | 81.9 | 84.4 | 86.4 | 86.8 | 87.7 | 88.3 | 88.3 | 89.0 | 89.4 | 89.4 | 89.6 | 89.6 | 89.7 | 90.1 |
| ≥ 500 | 14.1 | 77.6 | 82.1 | 84.6 | 86.8 | 87.6 | 88.6 | 89.7 | 89.7 | 90.8 | 91.4 | 91.4 | 91.7 | 91.7 | 91.8 | 92.2 |
| ≥ 400 | 14.1 | 77.6 | 82.1 | 84.6 | 87.0 | 87.9 | 89.5 | 91.0 | 91.0 | 92.5 | 93.1 | 93.1 | 93.7 | 93.8 | 93.9 | 94.4 |
| ≥ 300 | 14.1 | 77.6 | 82.1 | 84.6 | 87.0 | 88.0 | 89.8 | 91.8 | 91.9 | 93.7 | 94.7 | 94.9 | 95.5 | 95.7 | 95.8 | 96.2 |
| ≥ 200 | 14.1 | 77.6 | 82.1 | 84.6 | 87.0 | 88.3 | 90.0 | 92.0 | 92.1 | 94.0 | 95.2 | 95.5 | 96.3 | 97.1 | 97.6 | 98.0 |
| ≥ 100 | 14.1 | 77.6 | 82.1 | 84.6 | 87.0 | 88.3 | 90.0 | 92.1 | 92.4 | 94.2 | 95.6 | 95.8 | 96.9 | 97.8 | 98.4 | 99.6 |
| ≥ 0 | 14.1 | 77.6 | 82.1 | 84.6 | 87.0 | 88.3 | 90.0 | 92.1 | 92.4 | 94.2 | 95.6 | 95.8 | 96.9 | 97.8 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 3/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 12.6 | 51.9 | 51.3 | 52.0 | 52.0 | 52.0 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.3 | 52.5 |
| ≥ 20000 | 12.6 | 52.6 | 52.9 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.4 |
| ≥ 18000 | 12.6 | 52.6 | 52.9 | 53.8 | 53.8 | 53.8 | 54.0 | 54.0 | 54.0 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.3 | 54.6 |
| ≥ 16000 | 12.6 | 52.6 | 52.9 | 53.8 | 53.8 | 53.8 | 54.0 | 54.0 | 54.0 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.3 | 54.6 |
| ≥ 14000 | 12.6 | 52.8 | 53.1 | 54.0 | 54.0 | 54.0 | 54.2 | 54.2 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.6 | 54.8 |
| ≥ 12000 | 12.6 | 53.6 | 54.2 | 55.1 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.7 | 55.9 |
| ≥ 10000 | 12.7 | 56.0 | 56.6 | 57.5 | 57.5 | 57.5 | 57.7 | 57.7 | 57.7 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.1 | 58.3 |
| ≥ 9000 | 12.7 | 56.1 | 56.8 | 57.6 | 57.6 | 57.6 | 57.8 | 57.8 | 57.8 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.4 |
| ≥ 8000 | 13.4 | 59.1 | 59.7 | 60.6 | 60.6 | 60.6 | 60.8 | 60.8 | 60.8 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.4 |
| ≥ 7000 | 13.7 | 60.4 | 61.0 | 61.9 | 61.9 | 61.9 | 62.1 | 62.1 | 62.1 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.5 | 62.7 |
| ≥ 6000 | 13.7 | 61.1 | 61.8 | 62.7 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.4 |
| ≥ 5000 | 14.2 | 62.6 | 63.3 | 64.2 | 64.2 | 64.2 | 64.4 | 64.4 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 65.0 |
| ≥ 4500 | 14.3 | 64.8 | 65.5 | 66.4 | 66.4 | 66.4 | 66.6 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.0 | 67.2 |
| ≥ 4000 | 14.6 | 67.4 | 68.5 | 69.4 | 69.4 | 69.4 | 69.6 | 69.7 | 69.7 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 | 70.4 |
| ≥ 3500 | 14.6 | 68.3 | 69.4 | 70.3 | 70.4 | 70.4 | 70.6 | 70.7 | 70.7 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 | 71.4 |
| ≥ 3000 | 14.9 | 72.1 | 73.5 | 74.4 | 74.4 | 74.4 | 75.0 | 75.2 | 75.4 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.2 |
| ≥ 2500 | 14.9 | 73.5 | 75.1 | 76.0 | 76.5 | 76.6 | 76.8 | 77.1 | 77.1 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.6 | 77.8 |
| ≥ 2000 | 14.9 | 74.9 | 76.5 | 77.4 | 78.0 | 78.2 | 78.5 | 78.7 | 78.7 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.3 | 79.5 |
| ≥ 1800 | 14.9 | 74.9 | 76.5 | 77.5 | 78.2 | 78.3 | 78.6 | 78.8 | 78.8 | 79.1 | 79.3 | 79.3 | 79.3 | 79.3 | 79.4 | 79.6 |
| ≥ 1500 | 14.9 | 75.7 | 78.0 | 79.0 | 80.0 | 80.2 | 80.6 | 80.9 | 80.9 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.6 | 81.8 |
| ≥ 1200 | 14.9 | 76.7 | 79.1 | 80.2 | 81.3 | 81.6 | 81.9 | 82.3 | 82.3 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.2 |
| ≥ 1000 | 14.9 | 76.9 | 79.6 | 80.7 | 82.1 | 82.3 | 83.0 | 83.9 | 84.0 | 84.5 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.3 |
| ≥ 900 | 14.9 | 77.1 | 79.7 | 81.3 | 82.4 | 82.7 | 83.3 | 84.3 | 84.4 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 | 85.7 |
| ≥ 800 | 14.9 | 77.5 | 80.1 | 81.6 | 83.0 | 83.2 | 84.1 | 85.2 | 85.3 | 85.8 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.6 |
| ≥ 700 | 14.9 | 78.2 | 80.8 | 82.4 | 84.1 | 84.4 | 85.3 | 86.6 | 86.7 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 88.0 |
| ≥ 600 | 14.9 | 78.2 | 80.8 | 82.4 | 84.4 | 85.0 | 86.1 | 87.5 | 87.6 | 88.3 | 88.6 | 88.7 | 88.8 | 88.8 | 88.9 | 89.2 |
| ≥ 500 | 14.9 | 78.3 | 80.9 | 82.8 | 85.1 | 85.9 | 87.6 | 89.5 | 89.6 | 90.3 | 90.7 | 90.9 | 91.0 | 91.0 | 91.1 | 91.4 |
| ≥ 400 | 14.9 | 78.3 | 80.9 | 82.9 | 85.2 | 86.1 | 88.1 | 90.3 | 90.5 | 91.3 | 91.7 | 91.9 | 92.1 | 92.1 | 92.2 | 92.5 |
| ≥ 300 | 14.9 | 78.3 | 80.9 | 82.9 | 85.3 | 86.2 | 88.4 | 90.9 | 91.1 | 92.2 | 92.9 | 93.2 | 93.4 | 93.4 | 93.5 | 93.9 |
| ≥ 200 | 14.9 | 78.3 | 80.9 | 82.9 | 85.5 | 86.4 | 88.6 | 91.2 | 91.5 | 92.8 | 94.0 | 94.4 | 95.0 | 95.5 | 95.6 | 95.9 |
| ≥ 100 | 14.9 | 78.3 | 80.9 | 82.9 | 85.5 | 86.4 | 88.6 | 91.2 | 91.5 | 92.8 | 94.1 | 94.5 | 95.1 | 96.2 | 96.6 | 96.8 |
| ≥ 0 | 14.9 | 78.3 | 80.9 | 82.9 | 85.5 | 86.4 | 88.6 | 91.2 | 91.5 | 92.8 | 94.1 | 94.5 | 95.1 | 96.2 | 96.6 | 96.8 |

TOTAL NUMBER OF OBSERVATIONS 911

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743921 BRUNSWICK NAS ME

69-70, 73-80

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥3/16 | ≥0 |
| NO CEILING | 11.7 | 45.9 | 46.4 | 46.7 | 46.8 | 46.8 | 46.9 | 46.9 | 46.9 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.2 |
| ≥ 20000 | 12.1 | 49.5 | 50.1 | 50.4 | 50.6 | 50.6 | 50.7 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.9 | 50.9 | 50.9 | 51.0 |
| ≥ 18000 | 12.1 | 49.7 | 50.3 | 50.7 | 50.8 | 50.8 | 50.9 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.3 |
| ≥ 16000 | 12.1 | 49.9 | 50.4 | 50.8 | 50.9 | 50.9 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.3 | 51.4 |
| ≥ 14000 | 12.1 | 50.1 | 50.7 | 51.0 | 51.2 | 51.2 | 51.3 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.7 |
| ≥ 12000 | 12.3 | 51.3 | 52.0 | 52.3 | 52.5 | 52.5 | 52.6 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.9 | 53.0 |
| ≥ 10000 | 12.6 | 53.7 | 54.4 | 54.8 | 55.0 | 55.0 | 55.1 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.5 |
| ≥ 9000 | 12.7 | 54.0 | 54.7 | 55.1 | 55.3 | 55.3 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.8 |
| ≥ 8000 | 13.1 | 57.5 | 58.2 | 58.7 | 59.0 | 59.0 | 59.1 | 59.2 | 59.2 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.6 |
| ≥ 7000 | 13.3 | 58.9 | 59.7 | 60.1 | 60.5 | 60.5 | 60.7 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 | 61.1 |
| ≥ 6000 | 13.3 | 59.7 | 60.5 | 61.0 | 61.4 | 61.4 | 61.6 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 62.1 |
| ≥ 5000 | 13.5 | 61.6 | 62.5 | 63.0 | 63.4 | 63.4 | 63.6 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 64.1 |
| ≥ 4500 | 13.6 | 62.9 | 63.8 | 64.4 | 64.7 | 64.7 | 64.9 | 65.0 | 65.0 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.4 |
| ≥ 4000 | 14.2 | 65.6 | 66.6 | 67.2 | 67.5 | 67.6 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.2 | 68.4 |
| ≥ 3500 | 14.2 | 67.1 | 68.1 | 68.8 | 69.2 | 69.3 | 69.4 | 69.6 | 69.6 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 70.1 |
| ≥ 3000 | 14.4 | 70.9 | 72.2 | 73.1 | 73.7 | 73.8 | 73.9 | 74.2 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.7 |
| ≥ 2500 | 14.4 | 72.4 | 73.8 | 74.8 | 75.4 | 75.5 | 75.8 | 76.0 | 76.1 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.5 | 76.7 |
| ≥ 2000 | 14.5 | 73.7 | 75.4 | 76.4 | 77.2 | 77.3 | 77.8 | 78.1 | 78.1 | 78.4 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.8 |
| ≥ 1800 | 14.5 | 73.8 | 75.5 | 76.6 | 77.3 | 77.5 | 77.9 | 78.2 | 78.3 | 78.5 | 78.6 | 78.6 | 78.7 | 78.7 | 78.8 | 79.0 |
| ≥ 1500 | 14.5 | 74.6 | 76.5 | 77.8 | 78.8 | 78.9 | 79.5 | 79.9 | 80.0 | 80.3 | 80.4 | 80.4 | 80.5 | 80.5 | 80.6 | 80.8 |
| ≥ 1200 | 14.5 | 75.3 | 77.4 | 78.7 | 79.8 | 80.0 | 80.6 | 81.2 | 81.3 | 81.5 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 82.0 |
| ≥ 1000 | 14.5 | 76.0 | 78.4 | 79.8 | 81.1 | 81.4 | 82.2 | 83.0 | 83.1 | 83.4 | 83.7 | 83.7 | 83.8 | 83.8 | 83.9 | 84.1 |
| ≥ 900 | 14.5 | 76.1 | 78.6 | 80.2 | 81.6 | 81.9 | 82.7 | 83.6 | 83.7 | 84.0 | 84.3 | 84.3 | 84.4 | 84.5 | 84.5 | 84.8 |
| ≥ 800 | 14.5 | 76.3 | 78.8 | 80.6 | 82.1 | 82.5 | 83.5 | 84.6 | 84.8 | 85.1 | 85.5 | 85.5 | 85.7 | 85.7 | 85.8 | 86.0 |
| ≥ 700 | 14.5 | 76.4 | 79.1 | 81.0 | 82.8 | 83.3 | 84.4 | 85.7 | 85.9 | 86.4 | 86.8 | 86.8 | 87.0 | 87.1 | 87.2 | 87.4 |
| ≥ 600 | 14.5 | 76.5 | 79.3 | 81.4 | 83.4 | 84.0 | 85.4 | 87.0 | 87.1 | 87.8 | 88.4 | 88.4 | 88.7 | 88.8 | 88.8 | 89.1 |
| ≥ 500 | 14.5 | 76.6 | 79.5 | 81.6 | 83.9 | 84.8 | 86.5 | 88.4 | 88.6 | 89.7 | 90.6 | 90.7 | 91.1 | 91.2 | 91.2 | 91.5 |
| ≥ 400 | 14.5 | 76.6 | 79.5 | 81.7 | 84.1 | 85.0 | 87.0 | 89.2 | 89.4 | 90.6 | 91.8 | 91.9 | 92.5 | 92.7 | 92.8 | 93.1 |
| ≥ 300 | 14.5 | 76.6 | 79.5 | 81.7 | 84.3 | 85.2 | 87.2 | 89.9 | 90.2 | 91.6 | 93.1 | 93.4 | 94.2 | 94.7 | 94.8 | 95.1 |
| ≥ 200 | 14.5 | 76.6 | 79.5 | 81.7 | 84.3 | 85.3 | 87.4 | 90.0 | 90.4 | 92.0 | 93.8 | 94.1 | 95.4 | 96.2 | 96.6 | 97.1 |
| ≥ 100 | 14.5 | 76.6 | 79.5 | 81.7 | 84.3 | 85.3 | 87.4 | 90.1 | 90.4 | 92.1 | 93.9 | 94.3 | 95.6 | 96.8 | 97.4 | 99.1 |
| ≥ 0 | 14.5 | 76.6 | 79.5 | 81.7 | 84.3 | 85.3 | 87.4 | 90.1 | 90.4 | 92.1 | 94.0 | 94.3 | 95.6 | 96.8 | 97.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7243

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING | 11.3 | 49.3 | 50.3 | 50.7 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.3 | 51.4 | 51.5 | 51.5 | 51.7 | 51.7 | 52.1 |
| ≥ 20000 | 11.3 | 51.0 | 53.0 | 53.4 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.3 | 54.5 | 54.6 | 54.8 | 54.8 | 55.2 |
| ≥ 18000 | 11.3 | 51.0 | 53.0 | 53.4 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.3 | 54.5 | 54.6 | 54.8 | 54.8 | 55.2 |
| ≥ 16000 | 11.3 | 51.0 | 53.0 | 53.4 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.3 | 54.5 | 54.6 | 54.8 | 54.8 | 55.2 |
| ≥ 14000 | 11.3 | 51.5 | 53.6 | 54.0 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.4 | 55.4 | 55.8 |
| ≥ 12000 | 11.4 | 52.3 | 54.3 | 54.9 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.3 | 56.3 | 56.7 |
| ≥ 10000 | 11.5 | 53.9 | 55.9 | 56.7 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.2 | 58.2 | 58.6 |
| ≥ 9000 | 11.6 | 54.3 | 56.4 | 57.2 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 58.1 | 58.2 | 58.3 | 58.4 | 58.6 | 58.6 | 59.1 |
| ≥ 8000 | 12.3 | 57.3 | 59.6 | 60.5 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.4 | 61.6 | 61.7 | 61.8 | 62.0 | 62.0 | 62.5 |
| ≥ 7000 | 12.3 | 58.3 | 60.8 | 61.7 | 62.5 | 62.5 | 62.6 | 62.7 | 62.7 | 62.8 | 62.9 | 63.0 | 63.1 | 63.4 | 63.4 | 63.8 |
| ≥ 6000 | 12.4 | 59.4 | 62.3 | 63.2 | 64.0 | 64.0 | 64.1 | 64.3 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.9 | 64.9 | 65.4 |
| ≥ 5000 | 12.6 | 61.2 | 64.1 | 65.1 | 65.8 | 65.8 | 66.0 | 66.1 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.7 | 66.7 | 67.2 |
| ≥ 4500 | 12.6 | 62.5 | 65.5 | 66.4 | 67.2 | 67.2 | 67.3 | 67.4 | 67.4 | 67.5 | 67.6 | 67.8 | 67.9 | 68.1 | 68.1 | 68.5 |
| ≥ 4000 | 13.1 | 64.6 | 68.0 | 69.2 | 70.0 | 70.0 | 70.2 | 70.3 | 70.3 | 70.5 | 70.6 | 70.7 | 70.8 | 71.0 | 71.0 | 71.5 |
| ≥ 3500 | 13.2 | 66.3 | 69.7 | 71.0 | 71.8 | 71.8 | 72.0 | 72.2 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.8 | 72.8 | 73.3 |
| ≥ 3000 | 13.2 | 68.7 | 72.8 | 74.9 | 75.8 | 75.8 | 76.0 | 76.1 | 76.1 | 76.2 | 76.3 | 76.4 | 76.6 | 76.8 | 76.8 | 77.2 |
| ≥ 2500 | 13.5 | 70.1 | 74.5 | 76.6 | 77.5 | 77.5 | 77.7 | 77.8 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.5 | 78.5 | 78.9 |
| ≥ 2000 | 13.5 | 72.0 | 76.9 | 79.0 | 80.0 | 80.2 | 80.4 | 80.5 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.2 | 81.2 | 81.6 |
| ≥ 1800 | 13.5 | 72.3 | 77.1 | 79.3 | 80.3 | 80.4 | 80.6 | 80.7 | 80.7 | 80.8 | 80.9 | 81.1 | 81.2 | 81.4 | 81.4 | 81.8 |
| ≥ 1500 | 13.5 | 73.2 | 78.2 | 80.9 | 82.1 | 82.3 | 82.5 | 82.6 | 82.6 | 82.8 | 82.9 | 83.0 | 83.1 | 83.3 | 83.3 | 83.8 |
| ≥ 1200 | 13.5 | 73.5 | 78.9 | 81.6 | 83.0 | 83.2 | 83.4 | 83.5 | 83.5 | 83.7 | 83.8 | 83.9 | 84.0 | 84.2 | 84.2 | 84.7 |
| ≥ 1000 | 13.5 | 73.7 | 79.4 | 82.5 | 84.2 | 84.4 | 84.7 | 84.9 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.6 | 85.6 | 86.0 |
| ≥ 900 | 13.5 | 73.8 | 79.7 | 82.9 | 84.9 | 85.1 | 85.3 | 85.6 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.2 | 86.2 | 86.7 |
| ≥ 800 | 13.5 | 73.8 | 79.7 | 83.1 | 85.3 | 85.6 | 85.9 | 86.1 | 86.1 | 86.4 | 86.5 | 86.6 | 86.7 | 86.9 | 86.9 | 87.4 |
| ≥ 700 | 13.5 | 74.0 | 79.9 | 83.3 | 85.9 | 86.2 | 86.7 | 86.9 | 86.9 | 87.1 | 87.3 | 87.4 | 87.5 | 87.7 | 87.7 | 88.2 |
| ≥ 600 | 13.5 | 74.0 | 80.0 | 83.5 | 87.3 | 87.8 | 88.3 | 88.7 | 88.7 | 89.1 | 89.2 | 89.3 | 89.4 | 89.6 | 89.6 | 90.1 |
| ≥ 500 | 13.5 | 74.0 | 80.3 | 83.9 | 87.9 | 88.8 | 89.6 | 90.5 | 90.6 | 91.0 | 91.2 | 91.3 | 91.7 | 91.9 | 91.9 | 92.3 |
| ≥ 400 | 13.5 | 74.1 | 80.4 | 84.2 | 88.7 | 89.6 | 90.8 | 92.2 | 92.3 | 93.0 | 93.2 | 93.3 | 93.7 | 94.1 | 94.1 | 94.6 |
| ≥ 300 | 13.5 | 74.1 | 80.4 | 84.2 | 88.7 | 89.6 | 91.1 | 92.6 | 92.7 | 93.3 | 93.6 | 93.7 | 94.0 | 94.5 | 94.5 | 94.9 |
| ≥ 200 | 13.5 | 74.1 | 80.6 | 84.4 | 89.0 | 89.9 | 91.7 | 93.5 | 93.6 | 94.4 | 94.8 | 94.9 | 95.3 | 95.7 | 95.7 | 96.5 |
| ≥ 100 | 13.5 | 74.1 | 80.6 | 84.4 | 89.1 | 90.0 | 91.8 | 93.6 | 93.7 | 94.5 | 94.9 | 95.0 | 95.6 | 96.6 | 97.3 | 98.6 |
| ≥ 0 | 13.5 | 74.1 | 80.6 | 84.4 | 89.1 | 90.0 | 91.8 | 93.6 | 93.7 | 94.5 | 94.9 | 95.0 | 95.6 | 96.7 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 887

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|----|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 9.9 | 43.5 | 46.2 | 47.4 | 48.0 | 48.2 | 48.6 | 49.0 | 49.0 | 49.0 | 49.0 | 49.1 | 49.1 | 49.2 | 49.5 | 49.8 | |
| ≥ 20000 | 10.0 | 46.4 | 49.1 | 50.5 | 51.2 | 51.7 | 52.1 | 52.5 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.7 | 53.0 | 53.4 | |
| IV 18000 | 10.0 | 46.5 | 49.2 | 50.6 | 51.4 | 51.8 | 52.3 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.8 | 53.2 | 53.5 | |
| IV 16000 | 10.0 | 46.5 | 49.2 | 50.6 | 51.4 | 51.8 | 52.3 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.8 | 53.2 | 53.5 | |
| IV 14000 | 10.5 | 47.4 | 50.1 | 51.5 | 52.3 | 52.7 | 53.2 | 53.5 | 53.5 | 53.5 | 53.5 | 53.6 | 53.6 | 53.7 | 54.1 | 54.4 | |
| IV 12000 | 10.8 | 48.9 | 51.6 | 52.9 | 53.7 | 54.2 | 54.6 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 | 55.3 | 55.6 | 56.0 | |
| IV 10000 | 11.0 | 51.2 | 54.1 | 55.4 | 56.5 | 57.0 | 57.4 | 57.9 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.1 | 58.4 | 58.8 | |
| IV 9000 | 11.0 | 51.6 | 54.4 | 55.7 | 56.9 | 57.3 | 57.8 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.4 | 58.8 | 59.1 | |
| IV 8000 | 11.4 | 55.9 | 59.1 | 60.5 | 61.7 | 62.2 | 62.6 | 63.1 | 63.1 | 63.1 | 63.2 | 63.3 | 63.3 | 63.5 | 63.9 | 64.2 | |
| IV 7000 | 11.4 | 56.5 | 59.9 | 61.3 | 62.5 | 63.0 | 63.4 | 63.9 | 63.9 | 63.9 | 64.0 | 64.1 | 64.1 | 64.3 | 64.6 | 65.1 | |
| IV 6000 | 11.5 | 57.1 | 60.7 | 62.0 | 63.3 | 63.7 | 64.2 | 64.6 | 64.6 | 64.6 | 64.8 | 64.9 | 64.9 | 65.1 | 65.4 | 65.9 | |
| IV 5000 | 11.6 | 58.9 | 62.7 | 64.2 | 65.4 | 65.9 | 66.3 | 66.8 | 66.8 | 66.8 | 66.9 | 67.0 | 67.1 | 67.3 | 67.7 | 68.1 | |
| IV 4500 | 11.7 | 59.6 | 63.4 | 64.9 | 66.2 | 66.7 | 67.1 | 67.6 | 67.6 | 67.6 | 67.7 | 67.8 | 67.9 | 68.1 | 68.5 | 68.9 | |
| IV 4000 | 11.9 | 61.7 | 65.5 | 67.3 | 68.7 | 69.1 | 69.7 | 70.2 | 70.2 | 70.2 | 70.3 | 70.4 | 70.5 | 70.7 | 71.1 | 71.5 | |
| IV 3500 | 11.9 | 62.7 | 66.6 | 68.4 | 69.7 | 70.2 | 70.7 | 71.2 | 71.2 | 71.2 | 71.3 | 71.4 | 71.5 | 71.7 | 72.1 | 72.5 | |
| IV 3000 | 12.3 | 65.2 | 69.0 | 71.1 | 72.4 | 73.0 | 73.5 | 74.0 | 74.0 | 74.0 | 74.1 | 74.2 | 74.3 | 74.5 | 75.0 | 75.5 | |
| IV 2500 | 12.3 | 65.9 | 69.8 | 72.0 | 73.3 | 73.9 | 74.5 | 75.1 | 75.1 | 75.1 | 75.2 | 75.3 | 75.5 | 75.7 | 76.1 | 76.6 | |
| IV 2000 | 12.4 | 67.9 | 72.1 | 74.3 | 75.7 | 76.2 | 76.9 | 77.5 | 77.5 | 77.5 | 77.6 | 77.7 | 77.8 | 78.0 | 78.5 | 78.9 | |
| IV 1800 | 12.4 | 67.9 | 72.1 | 74.3 | 75.9 | 76.5 | 77.1 | 77.7 | 77.7 | 77.7 | 77.8 | 77.9 | 78.0 | 78.3 | 78.7 | 79.2 | |
| IV 1500 | 12.5 | 68.7 | 73.2 | 75.7 | 77.6 | 78.2 | 78.8 | 79.4 | 79.5 | 79.5 | 79.6 | 79.7 | 79.8 | 80.1 | 80.5 | 81.0 | |
| IV 1200 | 12.5 | 68.8 | 73.4 | 76.1 | 78.2 | 78.7 | 79.4 | 80.0 | 80.1 | 80.1 | 80.2 | 80.3 | 80.4 | 80.6 | 81.1 | 81.5 | |
| IV 1000 | 12.5 | 69.3 | 74.2 | 77.5 | 79.6 | 80.2 | 81.0 | 81.9 | 82.0 | 82.0 | 82.1 | 82.2 | 82.4 | 82.7 | 83.1 | 83.6 | |
| IV 900 | 12.5 | 69.7 | 74.7 | 78.2 | 80.4 | 81.0 | 82.0 | 83.0 | 83.1 | 83.1 | 83.2 | 83.3 | 83.6 | 83.8 | 84.2 | 84.7 | |
| IV 800 | 12.5 | 69.8 | 74.8 | 78.6 | 81.1 | 81.6 | 82.7 | 84.1 | 84.2 | 84.2 | 84.3 | 84.6 | 84.8 | 85.0 | 85.5 | 85.9 | |
| IV 700 | 12.5 | 69.8 | 74.8 | 78.6 | 81.4 | 82.0 | 83.0 | 84.6 | 84.7 | 84.7 | 84.8 | 85.0 | 85.2 | 85.5 | 85.9 | 86.4 | |
| IV 600 | 12.5 | 69.8 | 74.9 | 79.2 | 82.5 | 83.4 | 85.1 | 86.8 | 86.9 | 86.9 | 87.0 | 87.3 | 87.5 | 87.7 | 88.2 | 88.6 | |
| IV 500 | 12.5 | 70.2 | 75.3 | 80.0 | 83.6 | 84.8 | 87.3 | 89.5 | 89.6 | 90.2 | 90.5 | 90.9 | 91.1 | 91.3 | 91.8 | 92.2 | |
| IV 400 | 12.5 | 70.3 | 75.5 | 80.2 | 84.0 | 85.2 | 87.8 | 90.5 | 90.7 | 91.3 | 91.9 | 92.2 | 92.5 | 92.7 | 93.1 | 93.6 | |
| IV 300 | 12.5 | 70.4 | 75.6 | 80.3 | 84.2 | 85.5 | 88.1 | 91.1 | 91.2 | 92.3 | 93.0 | 93.4 | 93.7 | 94.1 | 94.6 | 95.0 | |
| IV 200 | 12.5 | 70.4 | 75.6 | 80.3 | 84.2 | 85.5 | 88.2 | 91.6 | 91.7 | 92.8 | 93.9 | 94.4 | 94.8 | 95.8 | 96.3 | 96.7 | |
| IV 100 | 12.5 | 70.4 | 75.6 | 80.3 | 84.2 | 85.5 | 88.2 | 91.7 | 91.8 | 93.0 | 94.1 | 94.6 | 95.2 | 96.8 | 97.7 | 98.9 | |
| IV 0 | 12.5 | 70.4 | 75.6 | 80.3 | 84.2 | 85.5 | 88.2 | 91.7 | 91.8 | 93.0 | 94.1 | 94.6 | 95.2 | 96.8 | 97.7 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 888

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATIONBRUNSWICK NAS ME
STATION NAME69-70,73-80
YEARSAPR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 9.8 | 42.3 | 43.6 | 44.2 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.5 | 44.5 | 44.5 | 44.6 | 44.9 | 45.1 | 45.3 |
| ≥ 20000 | 9.9 | 45.7 | 47.4 | 48.2 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.7 | 48.7 | 48.7 | 48.9 | 49.1 | 49.3 | 49.8 |
| IV 18000 | 9.9 | 46.4 | 48.1 | 48.9 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.4 | 49.4 | 49.4 | 49.5 | 49.8 | 50.0 | 50.5 |
| IV 16000 | 10.0 | 46.6 | 48.3 | 49.1 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.7 | 49.7 | 49.7 | 49.8 | 50.0 | 50.2 | 50.7 |
| IV 14000 | 10.0 | 47.0 | 48.9 | 49.7 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.2 | 50.2 | 50.2 | 50.3 | 50.6 | 50.8 | 51.3 |
| IV 12000 | 10.4 | 48.3 | 50.1 | 50.9 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.6 | 51.8 | 52.1 | 52.5 |
| IV 10000 | 10.6 | 51.9 | 54.1 | 54.9 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.7 | 55.8 | 55.8 | 55.9 | 56.2 | 56.4 | 56.8 |
| IV 9000 | 10.7 | 52.7 | 54.9 | 55.7 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.5 | 56.6 | 56.6 | 56.7 | 56.9 | 57.2 | 57.6 |
| IV 8000 | 10.8 | 56.0 | 58.7 | 59.8 | 60.6 | 60.6 | 60.8 | 60.9 | 61.0 | 61.3 | 61.4 | 61.4 | 61.5 | 61.7 | 62.0 | 62.4 |
| IV 7000 | 11.0 | 57.7 | 60.4 | 61.5 | 62.3 | 62.3 | 62.5 | 62.6 | 62.8 | 63.0 | 63.1 | 63.1 | 63.2 | 63.4 | 63.7 | 64.1 |
| IV 6000 | 11.5 | 59.0 | 61.6 | 63.0 | 63.8 | 63.8 | 64.0 | 64.1 | 64.2 | 64.5 | 64.6 | 64.6 | 64.7 | 64.9 | 65.1 | 65.6 |
| IV 5000 | 11.6 | 61.8 | 64.6 | 66.1 | 66.9 | 66.9 | 67.2 | 67.3 | 67.4 | 67.7 | 67.8 | 67.8 | 67.9 | 68.1 | 68.3 | 68.8 |
| IV 4500 | 11.8 | 62.8 | 65.5 | 67.0 | 67.8 | 67.8 | 68.1 | 68.2 | 68.3 | 68.6 | 68.7 | 68.7 | 68.8 | 69.0 | 69.2 | 69.7 |
| IV 4000 | 12.1 | 64.2 | 67.0 | 68.5 | 69.4 | 69.4 | 69.8 | 69.9 | 70.0 | 70.3 | 70.4 | 70.4 | 70.5 | 70.7 | 71.0 | 71.4 |
| IV 3500 | 12.1 | 64.9 | 67.8 | 69.2 | 70.2 | 70.2 | 70.7 | 70.8 | 71.0 | 71.2 | 71.3 | 71.3 | 71.4 | 71.6 | 71.9 | 72.3 |
| IV 3000 | 12.2 | 66.5 | 69.5 | 71.1 | 72.1 | 72.1 | 72.7 | 72.8 | 72.9 | 73.1 | 73.2 | 73.2 | 73.3 | 73.6 | 73.8 | 74.3 |
| IV 2500 | 12.2 | 67.5 | 70.8 | 72.4 | 73.6 | 73.6 | 74.1 | 74.3 | 74.5 | 74.7 | 74.8 | 74.8 | 74.9 | 75.2 | 75.4 | 75.9 |
| IV 2000 | 12.2 | 68.5 | 72.0 | 73.7 | 75.1 | 75.1 | 75.6 | 75.9 | 76.1 | 76.3 | 76.5 | 76.5 | 76.7 | 76.9 | 77.1 | 77.6 |
| IV 1800 | 12.2 | 68.5 | 72.0 | 73.7 | 75.1 | 75.1 | 75.6 | 75.9 | 76.1 | 76.3 | 76.5 | 76.5 | 76.7 | 76.9 | 77.1 | 77.6 |
| IV 1500 | 12.2 | 69.1 | 72.8 | 74.6 | 76.1 | 76.1 | 76.7 | 76.9 | 77.1 | 77.3 | 77.6 | 77.6 | 77.7 | 77.9 | 78.1 | 78.6 |
| IV 1200 | 12.2 | 69.8 | 73.6 | 75.6 | 77.2 | 77.2 | 77.8 | 78.0 | 78.2 | 78.6 | 78.8 | 78.8 | 78.9 | 79.2 | 79.4 | 79.8 |
| IV 1000 | 12.2 | 70.8 | 75.2 | 77.4 | 79.2 | 79.4 | 80.3 | 80.9 | 81.3 | 81.7 | 81.9 | 81.9 | 82.0 | 82.2 | 82.5 | 82.9 |
| IV 900 | 12.2 | 70.8 | 75.4 | 77.9 | 80.0 | 80.2 | 81.1 | 81.7 | 82.1 | 82.5 | 82.7 | 82.7 | 82.8 | 83.0 | 83.3 | 83.7 |
| IV 800 | 12.2 | 71.3 | 76.1 | 79.0 | 81.1 | 81.3 | 82.2 | 83.0 | 83.5 | 83.9 | 84.2 | 84.3 | 84.4 | 84.6 | 84.9 | 85.3 |
| IV 700 | 12.2 | 72.0 | 76.9 | 80.0 | 82.2 | 82.6 | 83.9 | 84.9 | 85.3 | 86.2 | 86.4 | 86.7 | 86.8 | 87.0 | 87.2 | 87.7 |
| IV 600 | 12.2 | 72.0 | 77.1 | 80.4 | 83.3 | 83.6 | 85.1 | 86.0 | 86.4 | 87.4 | 87.6 | 87.8 | 88.2 | 88.4 | 88.6 | 89.1 |
| IV 500 | 12.2 | 72.3 | 77.4 | 80.8 | 83.9 | 84.3 | 85.9 | 87.4 | 87.9 | 89.5 | 89.9 | 90.2 | 90.5 | 90.8 | 91.0 | 91.6 |
| IV 400 | 12.2 | 72.4 | 77.6 | 80.9 | 84.3 | 84.7 | 86.4 | 88.3 | 89.1 | 90.7 | 91.1 | 91.7 | 92.1 | 92.4 | 92.6 | 93.2 |
| IV 300 | 12.2 | 72.4 | 77.6 | 80.9 | 84.5 | 85.0 | 86.8 | 89.3 | 90.2 | 92.1 | 92.7 | 93.5 | 94.1 | 94.8 | 95.0 | 95.6 |
| IV 200 | 12.2 | 72.4 | 77.6 | 80.9 | 84.5 | 85.0 | 86.9 | 89.5 | 90.4 | 92.7 | 93.5 | 94.4 | 95.1 | 96.4 | 96.7 | 97.7 |
| IV 100 | 12.2 | 72.4 | 77.6 | 80.9 | 84.5 | 85.0 | 86.9 | 89.5 | 90.4 | 92.7 | 93.5 | 94.4 | 95.1 | 97.0 | 97.4 | 99.1 |
| IV 0 | 12.2 | 72.4 | 77.6 | 80.9 | 84.5 | 85.0 | 86.9 | 89.5 | 90.4 | 92.7 | 93.5 | 94.4 | 95.1 | 97.0 | 97.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 11.5 | 44.1 | 44.6 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 |
| ≥ 20000 | 12.1 | 51.5 | 51.9 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| ≥ 18000 | 12.1 | 51.8 | 52.3 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 16000 | 12.1 | 51.8 | 52.3 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 14000 | 12.1 | 52.3 | 52.7 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 12000 | 12.3 | 53.3 | 53.7 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 10000 | 12.6 | 55.1 | 55.6 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 9000 | 12.6 | 55.8 | 56.3 | 56.5 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 8000 | 13.0 | 58.6 | 59.3 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 7000 | 13.0 | 60.0 | 60.7 | 61.1 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 6000 | 13.3 | 61.5 | 62.2 | 62.5 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 5000 | 13.3 | 63.1 | 63.8 | 64.1 | 64.4 | 64.4 | 64.6 | 64.6 | 64.6 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 4500 | 13.5 | 63.9 | 64.6 | 64.9 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 4000 | 13.5 | 65.8 | 66.7 | 67.2 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 3500 | 13.9 | 66.9 | 68.1 | 68.5 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 3000 | 14.0 | 71.3 | 72.6 | 73.1 | 73.9 | 73.9 | 74.0 | 74.2 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 2500 | 14.0 | 72.8 | 74.2 | 74.7 | 75.5 | 75.5 | 75.6 | 75.7 | 75.7 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 2000 | 14.0 | 75.2 | 76.6 | 77.2 | 78.3 | 78.3 | 78.4 | 78.6 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 1800 | 14.0 | 75.2 | 76.6 | 77.2 | 78.3 | 78.3 | 78.4 | 78.6 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 1500 | 14.0 | 76.9 | 78.3 | 78.9 | 80.1 | 80.1 | 80.2 | 80.4 | 80.4 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 1200 | 14.0 | 77.8 | 79.2 | 80.1 | 81.5 | 81.5 | 81.6 | 81.7 | 81.7 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 1000 | 14.0 | 78.8 | 80.7 | 82.1 | 84.0 | 84.0 | 84.3 | 84.4 | 84.5 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 900 | 14.0 | 79.2 | 81.2 | 82.5 | 84.5 | 84.5 | 84.9 | 85.0 | 85.1 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 800 | 14.0 | 80.4 | 82.4 | 84.1 | 86.5 | 86.5 | 86.8 | 87.1 | 87.2 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 700 | 14.0 | 80.6 | 82.7 | 84.7 | 87.4 | 87.6 | 87.9 | 88.4 | 88.5 | 89.3 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 |
| ≥ 600 | 14.0 | 80.8 | 83.0 | 85.1 | 87.9 | 88.1 | 88.7 | 89.7 | 89.8 | 90.9 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 |
| ≥ 500 | 14.0 | 81.0 | 83.2 | 85.6 | 88.5 | 89.1 | 90.1 | 91.4 | 91.8 | 93.6 | 94.4 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 |
| ≥ 400 | 14.0 | 81.0 | 83.3 | 85.7 | 88.8 | 89.4 | 90.7 | 92.8 | 93.3 | 95.6 | 96.5 | 96.7 | 97.3 | 97.4 | 97.4 | 97.4 |
| ≥ 300 | 14.0 | 81.0 | 83.3 | 85.7 | 88.9 | 89.5 | 90.9 | 92.9 | 93.6 | 95.9 | 97.1 | 97.5 | 98.1 | 98.2 | 98.2 | 98.2 |
| ≥ 200 | 14.0 | 81.0 | 83.3 | 85.7 | 88.9 | 89.5 | 90.9 | 92.9 | 93.6 | 96.0 | 97.3 | 97.7 | 98.4 | 98.8 | 98.9 | 99.2 |
| ≥ 100 | 14.0 | 81.0 | 83.3 | 85.7 | 88.9 | 89.5 | 90.9 | 92.9 | 93.6 | 96.0 | 97.3 | 97.7 | 98.4 | 98.9 | 99.0 | 99.7 |
| ≥ 0 | 14.0 | 81.0 | 83.3 | 85.7 | 88.9 | 89.5 | 90.9 | 92.9 | 93.6 | 96.0 | 97.3 | 97.7 | 98.4 | 98.9 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70392 BRUNSWICK, NAS ME

69-70, 73-80

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 11.5 | 40.9 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| ≥ 20000 | 12.2 | 47.4 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 18000 | 12.2 | 47.7 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| ≥ 16000 | 12.2 | 47.7 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| ≥ 14000 | 12.2 | 47.9 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| ≥ 12000 | 12.3 | 48.9 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| ≥ 10000 | 12.6 | 50.8 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 9000 | 12.6 | 51.7 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 8000 | 12.6 | 54.7 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 7000 | 12.6 | 55.9 | 57.1 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 6000 | 12.8 | 57.0 | 58.1 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 5000 | 12.9 | 59.4 | 60.5 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 4500 | 13.4 | 60.8 | 62.0 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 4000 | 13.9 | 63.6 | 64.8 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 3500 | 14.2 | 66.4 | 67.7 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 3000 | 14.3 | 74.1 | 75.5 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 2500 | 14.3 | 76.0 | 77.5 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 2000 | 14.5 | 77.5 | 79.1 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 1800 | 14.5 | 77.6 | 79.2 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 1500 | 14.5 | 79.6 | 81.4 | 81.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1200 | 14.6 | 80.6 | 82.5 | 83.3 | 83.4 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 1000 | 14.6 | 82.4 | 84.7 | 85.8 | 86.4 | 86.5 | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 900 | 14.7 | 82.8 | 85.3 | 86.5 | 87.2 | 87.4 | 87.8 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 800 | 14.7 | 83.0 | 86.1 | 87.6 | 88.2 | 88.5 | 88.9 | 89.7 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 700 | 14.7 | 83.1 | 86.2 | 88.1 | 89.2 | 89.5 | 90.0 | 91.0 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 600 | 14.7 | 83.2 | 86.4 | 88.6 | 89.7 | 90.1 | 90.9 | 92.1 | 92.2 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 500 | 14.7 | 83.4 | 86.8 | 89.0 | 90.6 | 91.1 | 92.1 | 94.1 | 94.3 | 95.3 | 95.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 400 | 14.7 | 83.6 | 87.0 | 89.5 | 91.2 | 91.7 | 92.9 | 95.1 | 95.3 | 96.6 | 96.9 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 300 | 14.7 | 83.6 | 87.0 | 89.6 | 91.3 | 91.8 | 93.0 | 95.3 | 95.8 | 97.5 | 98.2 | 98.5 | 98.7 | 98.9 | 99.1 | 99.1 |
| ≥ 200 | 14.7 | 83.6 | 87.0 | 89.6 | 91.3 | 91.8 | 93.0 | 95.4 | 95.9 | 97.6 | 98.4 | 98.7 | 99.1 | 99.2 | 99.4 | 99.4 |
| ≥ 100 | 14.7 | 83.6 | 87.0 | 89.6 | 91.3 | 91.8 | 93.0 | 95.4 | 95.9 | 97.6 | 98.4 | 98.7 | 99.1 | 99.4 | 99.7 | 100.0 |
| ≥ 0 | 14.7 | 83.6 | 87.0 | 89.6 | 91.3 | 91.8 | 93.0 | 95.4 | 95.9 | 97.6 | 98.4 | 98.7 | 99.1 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

703927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 11.9 | 39.1 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 |
| ≥ 27000 | 12.2 | 45.1 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| ≥ 20000 | 12.2 | 45.2 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| ≥ 18000 | 12.2 | 45.2 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| ≥ 16000 | 12.2 | 45.2 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| ≥ 14000 | 12.2 | 45.6 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 12000 | 12.2 | 47.5 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| ≥ 10000 | 12.3 | 49.3 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| ≥ 9000 | 12.3 | 50.0 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| ≥ 8000 | 12.6 | 53.6 | 54.3 | 54.3 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 7000 | 12.6 | 56.6 | 57.2 | 57.2 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 6000 | 12.7 | 59.0 | 58.7 | 58.7 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| ≥ 5000 | 13.1 | 62.3 | 63.1 | 63.1 | 63.3 | 63.3 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 4500 | 13.3 | 62.9 | 63.7 | 63.7 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 4000 | 13.7 | 67.5 | 68.4 | 68.4 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 3500 | 13.7 | 69.7 | 70.7 | 70.7 | 70.9 | 70.9 | 71.1 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 3000 | 13.9 | 74.2 | 75.3 | 75.3 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 2500 | 13.9 | 77.1 | 78.4 | 78.4 | 78.8 | 78.8 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 2000 | 14.1 | 79.3 | 80.8 | 80.8 | 81.2 | 81.3 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 1800 | 14.1 | 79.6 | 81.1 | 81.1 | 81.6 | 81.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1500 | 14.1 | 81.3 | 82.9 | 82.9 | 83.4 | 83.5 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 1200 | 14.1 | 82.6 | 84.8 | 84.8 | 85.3 | 85.5 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1000 | 14.1 | 83.7 | 86.0 | 86.1 | 86.7 | 87.0 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 900 | 14.1 | 84.3 | 86.5 | 86.7 | 87.4 | 87.9 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 800 | 14.1 | 84.6 | 87.1 | 87.8 | 88.7 | 89.3 | 89.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 700 | 14.1 | 84.7 | 87.7 | 88.6 | 89.7 | 90.6 | 91.2 | 91.9 | 92.0 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 600 | 14.1 | 84.7 | 87.7 | 88.9 | 90.2 | 91.1 | 91.9 | 92.9 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 500 | 14.1 | 84.7 | 87.8 | 89.1 | 91.0 | 92.1 | 93.1 | 94.7 | 94.9 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 400 | 14.1 | 84.7 | 87.9 | 89.3 | 91.1 | 92.3 | 93.4 | 95.4 | 95.7 | 96.2 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 300 | 14.1 | 84.8 | 88.0 | 89.4 | 91.2 | 92.4 | 94.0 | 96.6 | 96.9 | 97.5 | 98.2 | 98.2 | 98.5 | 98.5 | 98.8 | 98.8 |
| ≥ 200 | 14.1 | 84.8 | 88.0 | 89.4 | 91.2 | 92.4 | 94.1 | 96.8 | 97.3 | 97.9 | 98.6 | 98.6 | 99.2 | 99.3 | 99.5 | 99.5 |
| ≥ 100 | 14.1 | 84.8 | 88.0 | 89.4 | 91.2 | 92.4 | 94.1 | 96.8 | 97.3 | 97.9 | 98.6 | 98.6 | 99.2 | 99.4 | 99.7 | 100.0 |
| ≥ 0 | 14.1 | 84.8 | 88.0 | 89.4 | 91.2 | 92.4 | 94.1 | 96.8 | 97.3 | 97.9 | 98.6 | 98.6 | 99.2 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 10.8 | 44.3 | 45.1 | 45.2 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 20000 | 11.5 | 49.1 | 50.2 | 50.1 | 50.2 | 50.3 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| ≥ 18000 | 11.5 | 49.3 | 50.2 | 50.3 | 50.5 | 50.6 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| IV 16000 | 11.5 | 49.3 | 50.2 | 50.3 | 50.5 | 50.6 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| ≥ 14000 | 11.5 | 49.8 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| IV 12000 | 11.5 | 51.3 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 10000 | 11.8 | 54.3 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| IV 9000 | 11.8 | 54.9 | 56.1 | 56.3 | 56.4 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 8000 | 12.5 | 58.5 | 59.9 | 60.1 | 60.7 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| IV 7000 | 12.5 | 60.5 | 61.8 | 62.0 | 62.6 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 6000 | 12.6 | 62.6 | 64.0 | 64.2 | 64.8 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| IV 5000 | 13.0 | 65.1 | 66.5 | 66.7 | 67.3 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 4500 | 13.0 | 65.9 | 67.3 | 67.5 | 68.1 | 68.2 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| IV 4000 | 13.4 | 70.0 | 71.5 | 71.7 | 72.3 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 3500 | 13.5 | 71.7 | 73.5 | 73.8 | 74.4 | 74.5 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| IV 3000 | 13.5 | 73.9 | 75.9 | 76.1 | 76.9 | 77.0 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 2500 | 13.5 | 76.4 | 78.9 | 79.1 | 79.9 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| IV 2000 | 13.5 | 77.8 | 80.3 | 80.6 | 81.7 | 81.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1800 | 13.5 | 78.2 | 80.7 | 80.9 | 82.0 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| IV 1500 | 13.5 | 79.5 | 82.0 | 82.4 | 83.9 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 1200 | 13.5 | 80.6 | 83.1 | 83.4 | 85.0 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| IV 1000 | 13.5 | 81.8 | 84.3 | 85.0 | 86.8 | 87.0 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 900 | 13.5 | 82.2 | 84.7 | 85.6 | 87.6 | 88.1 | 88.9 | 89.0 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 800 | 13.5 | 82.3 | 84.9 | 85.8 | 88.2 | 88.6 | 89.5 | 89.7 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 700 | 13.5 | 82.5 | 85.1 | 86.1 | 88.8 | 89.5 | 90.5 | 90.6 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 600 | 13.5 | 82.5 | 85.2 | 86.5 | 89.4 | 90.2 | 91.6 | 92.0 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 500 | 13.5 | 82.6 | 85.7 | 87.2 | 90.3 | 91.3 | 93.0 | 93.9 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| IV 400 | 13.5 | 82.6 | 85.7 | 87.5 | 90.8 | 91.9 | 94.1 | 95.1 | 95.2 | 95.9 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 300 | 13.5 | 82.6 | 85.7 | 87.5 | 90.9 | 92.2 | 94.7 | 96.1 | 96.3 | 96.9 | 97.4 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 200 | 13.5 | 82.6 | 85.7 | 87.5 | 91.0 | 92.3 | 95.0 | 96.6 | 96.7 | 97.4 | 97.8 | 97.8 | 98.5 | 98.8 | 98.9 | 98.9 |
| ≥ 100 | 13.5 | 82.6 | 85.7 | 87.5 | 91.0 | 92.3 | 95.0 | 96.6 | 96.7 | 97.4 | 97.8 | 97.8 | 98.5 | 99.2 | 99.3 | 99.5 |
| IV 0 | 13.5 | 82.6 | 85.7 | 87.5 | 91.0 | 92.3 | 95.0 | 96.6 | 96.7 | 97.4 | 97.8 | 97.8 | 98.5 | 99.2 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2130-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 11.5 | 47.9 | 49.8 | 50.7 | 51.0 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 20000 | 12.1 | 53.0 | 55.0 | 56.1 | 56.9 | 56.4 | 56.9 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| IV 18000 | 12.1 | 53.1 | 55.1 | 56.2 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| IV 16000 | 12.1 | 53.1 | 55.1 | 56.2 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| IV 14000 | 12.1 | 53.3 | 55.3 | 56.5 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| IV 12000 | 12.1 | 54.2 | 56.2 | 57.4 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| IV 10000 | 12.1 | 55.6 | 57.6 | 58.8 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| IV 9000 | 12.3 | 55.8 | 57.8 | 59.1 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| IV 8000 | 13.2 | 59.6 | 61.6 | 63.2 | 63.4 | 63.4 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| IV 7000 | 13.6 | 61.1 | 63.1 | 64.7 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| IV 6000 | 13.8 | 62.3 | 64.6 | 66.1 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| IV 5000 | 13.8 | 63.9 | 66.1 | 67.7 | 67.9 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| IV 4500 | 13.9 | 64.5 | 66.7 | 68.3 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| IV 4000 | 13.9 | 67.3 | 69.6 | 71.2 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| IV 3500 | 14.2 | 68.6 | 71.7 | 73.5 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| IV 3000 | 14.2 | 71.9 | 75.3 | 77.4 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| IV 2500 | 14.4 | 73.7 | 77.2 | 79.8 | 80.5 | 80.5 | 80.5 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 2000 | 14.4 | 74.8 | 78.4 | 81.1 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| IV 1800 | 14.4 | 75.0 | 78.6 | 81.3 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| IV 1500 | 14.4 | 76.0 | 79.9 | 82.7 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| IV 1200 | 14.4 | 76.0 | 79.9 | 82.7 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| IV 1000 | 14.4 | 76.8 | 81.0 | 84.1 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 900 | 14.4 | 76.8 | 81.1 | 84.5 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 800 | 14.4 | 76.8 | 81.1 | 84.8 | 87.3 | 87.4 | 87.5 | 87.6 | 87.6 | 87.6 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 700 | 14.4 | 76.9 | 81.2 | 84.9 | 87.9 | 88.0 | 88.1 | 88.3 | 88.3 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| IV 600 | 14.4 | 76.9 | 81.6 | 85.7 | 89.5 | 89.7 | 89.9 | 90.2 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| IV 500 | 14.4 | 77.1 | 81.8 | 86.3 | 91.0 | 91.5 | 92.1 | 92.9 | 93.0 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| IV 400 | 14.4 | 77.1 | 81.9 | 86.5 | 91.5 | 92.0 | 92.9 | 93.9 | 94.0 | 94.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| IV 300 | 14.4 | 77.1 | 81.9 | 86.5 | 91.5 | 92.1 | 93.3 | 94.6 | 94.7 | 94.9 | 95.4 | 95.5 | 95.6 | 95.8 | 95.8 | 95.8 |
| IV 200 | 14.4 | 77.2 | 82.0 | 86.6 | 91.6 | 92.4 | 93.7 | 95.3 | 95.4 | 96.0 | 96.4 | 96.5 | 97.3 | 97.8 | 97.8 | 97.8 |
| IV 100 | 14.4 | 77.2 | 82.0 | 86.6 | 91.6 | 92.4 | 93.7 | 95.3 | 95.4 | 96.0 | 96.4 | 96.5 | 97.4 | 98.3 | 98.3 | 98.8 |
| IV 0 | 14.4 | 77.2 | 82.0 | 86.6 | 91.6 | 92.4 | 93.7 | 95.3 | 95.4 | 96.0 | 96.4 | 96.5 | 97.4 | 98.3 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 889

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 11.0 | 43.6 | 45.0 | 45.5 | 45.7 | 45.7 | 45.8 | 45.8 | 45.8 | 45.9 | 45.9 | 45.9 | 45.9 | 46.0 | 46.1 | 46.2 |
| ≥ 20000 | 11.4 | 48.6 | 50.0 | 50.5 | 50.8 | 50.8 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.1 | 51.1 | 51.2 | 51.4 |
| ≥ 18000 | 11.4 | 48.9 | 50.2 | 50.7 | 51.0 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.3 | 51.3 | 51.4 | 51.4 | 51.6 |
| ≥ 16000 | 11.4 | 48.9 | 50.2 | 50.7 | 51.0 | 51.1 | 51.2 | 51.2 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.4 | 51.5 | 51.6 |
| ≥ 14000 | 11.5 | 49.4 | 50.7 | 51.2 | 51.5 | 51.6 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.8 | 51.8 | 51.9 | 51.9 | 52.1 |
| ≥ 12000 | 11.6 | 50.6 | 51.9 | 52.5 | 52.7 | 52.8 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.1 | 53.1 | 53.2 | 53.4 |
| ≥ 10000 | 11.8 | 52.8 | 54.3 | 54.9 | 55.2 | 55.3 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 | 55.9 |
| ≥ 9000 | 11.9 | 53.4 | 54.9 | 55.4 | 55.8 | 55.9 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.2 | 56.2 | 56.3 | 56.5 |
| ≥ 8000 | 12.3 | 56.8 | 58.5 | 59.2 | 59.7 | 59.8 | 59.9 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.3 | 60.5 |
| ≥ 7000 | 12.4 | 58.3 | 60.1 | 60.8 | 61.4 | 61.4 | 61.6 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 61.9 | 62.0 | 62.2 |
| ≥ 6000 | 12.6 | 59.6 | 61.5 | 62.3 | 62.8 | 62.9 | 63.0 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.3 | 63.4 | 63.4 | 63.6 |
| ≥ 5000 | 12.7 | 62.0 | 63.9 | 64.7 | 65.2 | 65.3 | 65.5 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 | 65.8 | 65.8 | 65.9 | 66.1 |
| ≥ 4500 | 12.9 | 62.8 | 64.8 | 65.6 | 66.1 | 66.2 | 66.4 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.7 | 66.8 | 66.8 | 67.0 |
| ≥ 4000 | 13.2 | 65.6 | 67.7 | 68.6 | 69.2 | 69.2 | 69.5 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.8 | 69.8 | 69.9 | 70.1 |
| ≥ 3500 | 13.3 | 67.2 | 69.5 | 70.4 | 71.0 | 71.1 | 71.3 | 71.4 | 71.4 | 71.5 | 71.5 | 71.6 | 71.6 | 71.7 | 71.8 | 71.9 |
| ≥ 3000 | 13.4 | 70.7 | 73.2 | 74.3 | 75.1 | 75.2 | 75.4 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.8 | 75.9 | 76.1 |
| ≥ 2500 | 13.5 | 72.4 | 75.2 | 76.3 | 77.1 | 77.2 | 77.5 | 77.6 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.9 | 78.0 | 78.2 |
| ≥ 2000 | 13.6 | 74.1 | 77.0 | 78.3 | 79.2 | 79.3 | 79.6 | 79.7 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 80.0 | 80.1 | 80.3 |
| ≥ 1800 | 13.6 | 74.3 | 77.2 | 78.4 | 79.4 | 79.5 | 79.8 | 79.9 | 79.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.2 | 80.3 | 80.5 |
| ≥ 1500 | 13.6 | 75.5 | 78.6 | 80.0 | 81.1 | 81.3 | 81.5 | 81.7 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 82.0 | 82.1 | 82.3 |
| ≥ 1200 | 13.6 | 76.2 | 79.4 | 81.0 | 82.2 | 82.3 | 82.6 | 82.8 | 82.8 | 82.9 | 83.0 | 83.1 | 83.1 | 83.2 | 83.3 | 83.4 |
| ≥ 1000 | 13.6 | 77.2 | 80.7 | 82.6 | 84.0 | 84.3 | 84.7 | 85.0 | 85.1 | 85.2 | 85.3 | 85.3 | 85.4 | 85.5 | 85.5 | 85.7 |
| ≥ 900 | 13.6 | 77.4 | 81.1 | 83.1 | 84.8 | 85.1 | 85.6 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.4 | 86.5 | 86.6 | 86.8 |
| ≥ 800 | 13.6 | 77.7 | 81.5 | 83.8 | 85.8 | 86.1 | 86.7 | 87.2 | 87.3 | 87.5 | 87.6 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 |
| ≥ 700 | 13.6 | 77.9 | 81.8 | 84.3 | 86.5 | 87.0 | 87.6 | 88.3 | 88.4 | 88.7 | 88.9 | 89.0 | 89.0 | 89.1 | 89.2 | 89.4 |
| ≥ 600 | 13.6 | 78.0 | 82.0 | 84.7 | 87.5 | 88.0 | 88.9 | 89.8 | 89.9 | 90.3 | 90.5 | 90.6 | 90.6 | 90.7 | 90.8 | 91.0 |
| ≥ 500 | 13.6 | 78.2 | 82.3 | 85.2 | 88.4 | 89.1 | 90.4 | 91.8 | 92.0 | 92.8 | 93.1 | 93.2 | 93.4 | 93.5 | 93.6 | 93.8 |
| ≥ 400 | 13.6 | 78.2 | 82.4 | 85.5 | 88.8 | 89.6 | 91.1 | 92.9 | 93.2 | 94.2 | 94.6 | 94.8 | 95.1 | 95.2 | 95.3 | 95.5 |
| ≥ 300 | 13.6 | 78.2 | 82.4 | 85.5 | 88.9 | 89.8 | 91.5 | 93.6 | 93.9 | 95.1 | 95.7 | 96.0 | 96.3 | 96.6 | 96.7 | 96.9 |
| ≥ 200 | 13.6 | 78.3 | 82.5 | 85.5 | 89.0 | 89.8 | 91.7 | 93.9 | 94.3 | 95.6 | 96.3 | 96.6 | 97.2 | 97.7 | 97.9 | 98.2 |
| ≥ 100 | 13.6 | 78.3 | 82.5 | 85.5 | 89.0 | 89.8 | 91.7 | 94.0 | 94.3 | 95.6 | 96.4 | 96.7 | 97.3 | 98.2 | 98.5 | 99.3 |
| ≥ 0 | 13.6 | 78.3 | 82.5 | 85.5 | 89.0 | 89.8 | 91.7 | 94.0 | 94.3 | 95.6 | 96.4 | 96.7 | 97.3 | 98.2 | 98.6 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS 7068

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392 BRUNSWICK NAS ME

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 2.1 | 41.3 | 43.9 | 45.7 | 46.1 | 46.2 | 46.5 | 46.8 | 46.8 | 46.9 | 47.1 | 47.2 | 47.3 | 47.3 | 47.3 | 47.4 |
| ≥ 20000 | 8.4 | 44.5 | 47.5 | 49.3 | 49.8 | 49.9 | 50.2 | 50.5 | 50.5 | 50.7 | 50.8 | 50.9 | 51.0 | 51.0 | 51.0 | 51.1 |
| ≥ 18000 | 8.4 | 44.5 | 47.5 | 49.3 | 49.8 | 49.9 | 50.2 | 50.5 | 50.5 | 50.7 | 50.8 | 50.9 | 51.0 | 51.0 | 51.0 | 51.1 |
| ≥ 16000 | 8.4 | 44.5 | 47.5 | 49.3 | 49.8 | 49.9 | 50.2 | 50.5 | 50.5 | 50.7 | 50.8 | 50.9 | 51.0 | 51.0 | 51.0 | 51.1 |
| ≥ 14000 | 8.4 | 45.3 | 47.9 | 49.8 | 50.2 | 50.3 | 50.7 | 51.0 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.4 | 51.4 | 51.5 |
| ≥ 12000 | 8.4 | 45.3 | 48.3 | 50.1 | 50.5 | 50.7 | 51.0 | 51.3 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.7 | 51.7 | 51.9 |
| ≥ 10000 | 8.6 | 47.1 | 50.2 | 52.1 | 52.5 | 52.6 | 52.9 | 53.3 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.7 | 53.7 | 53.8 |
| ≥ 9000 | 8.8 | 47.3 | 50.5 | 52.4 | 52.8 | 52.9 | 53.3 | 53.6 | 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.0 | 54.0 | 54.1 |
| ≥ 8000 | 9.1 | 50.8 | 55.3 | 57.6 | 58.4 | 58.5 | 58.8 | 59.2 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.6 | 59.6 | 59.7 |
| ≥ 7000 | 9.2 | 52.1 | 56.7 | 59.2 | 59.9 | 60.0 | 60.4 | 60.7 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.1 | 61.1 | 61.2 |
| ≥ 6000 | 9.5 | 53.7 | 58.3 | 61.1 | 62.0 | 62.1 | 62.4 | 62.8 | 62.8 | 62.9 | 63.0 | 63.1 | 63.2 | 63.2 | 63.2 | 63.3 |
| ≥ 5000 | 9.8 | 55.2 | 59.9 | 62.8 | 63.6 | 63.8 | 64.1 | 64.4 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.8 | 64.8 | 65.0 |
| ≥ 4500 | 9.8 | 56.2 | 60.9 | 63.8 | 64.6 | 64.7 | 65.1 | 65.4 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.8 | 65.8 | 65.9 |
| ≥ 4000 | 10.2 | 58.0 | 62.7 | 65.7 | 66.6 | 66.7 | 67.1 | 67.5 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 67.9 | 67.9 | 68.0 |
| ≥ 3500 | 10.3 | 59.3 | 64.1 | 67.1 | 68.0 | 68.1 | 68.6 | 69.0 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.4 | 69.4 | 69.5 |
| ≥ 3000 | 10.3 | 61.8 | 66.9 | 70.1 | 71.0 | 71.1 | 71.6 | 72.1 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 |
| ≥ 2500 | 10.3 | 62.3 | 67.7 | 70.9 | 71.8 | 71.9 | 72.6 | 73.0 | 73.0 | 73.1 | 73.3 | 73.4 | 73.5 | 73.5 | 73.5 | 73.6 |
| ≥ 2000 | 10.3 | 63.0 | 68.6 | 71.8 | 72.9 | 73.0 | 73.8 | 74.2 | 74.2 | 74.3 | 74.5 | 74.6 | 74.7 | 74.7 | 74.7 | 74.8 |
| ≥ 1800 | 10.3 | 63.1 | 68.7 | 72.2 | 73.3 | 73.4 | 74.1 | 74.6 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.0 | 75.0 | 75.1 |
| ≥ 1500 | 10.3 | 63.6 | 69.3 | 72.9 | 74.0 | 74.1 | 74.9 | 75.5 | 75.5 | 75.7 | 75.8 | 75.9 | 76.0 | 76.0 | 76.0 | 76.1 |
| ≥ 1200 | 10.3 | 63.8 | 69.4 | 73.1 | 74.5 | 74.6 | 75.3 | 76.0 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.4 | 76.4 | 76.5 |
| ≥ 1000 | 10.3 | 63.9 | 69.9 | 73.6 | 74.9 | 75.0 | 75.9 | 76.5 | 76.5 | 76.6 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.1 |
| ≥ 900 | 10.3 | 63.9 | 69.9 | 73.6 | 74.9 | 75.1 | 76.0 | 76.6 | 76.6 | 76.7 | 76.9 | 77.0 | 77.1 | 77.1 | 77.1 | 77.2 |
| ≥ 800 | 10.3 | 64.1 | 70.2 | 74.0 | 75.4 | 75.7 | 76.6 | 77.3 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.8 |
| ≥ 700 | 10.3 | 64.3 | 70.6 | 74.7 | 76.1 | 76.4 | 77.4 | 78.3 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.7 | 78.7 | 78.8 |
| ≥ 600 | 10.3 | 64.8 | 71.3 | 75.8 | 77.6 | 77.9 | 79.3 | 80.1 | 80.1 | 80.3 | 80.5 | 80.6 | 80.7 | 80.7 | 80.7 | 80.8 |
| ≥ 500 | 10.3 | 65.1 | 71.5 | 76.2 | 78.4 | 78.9 | 80.8 | 82.1 | 82.1 | 82.5 | 82.6 | 82.8 | 82.9 | 82.9 | 82.9 | 83.0 |
| ≥ 400 | 10.3 | 65.1 | 71.6 | 76.4 | 79.0 | 79.7 | 81.7 | 83.1 | 83.1 | 84.0 | 84.1 | 84.2 | 84.3 | 84.3 | 84.3 | 84.4 |
| ≥ 300 | 10.3 | 65.1 | 71.6 | 76.5 | 79.4 | 80.1 | 82.8 | 84.5 | 84.5 | 85.8 | 86.5 | 86.6 | 86.7 | 87.1 | 87.1 | 87.2 |
| ≥ 200 | 10.3 | 65.1 | 71.6 | 76.5 | 79.6 | 80.3 | 83.2 | 85.4 | 85.4 | 87.2 | 88.5 | 89.0 | 90.5 | 91.6 | 91.8 | 92.0 |
| ≥ 100 | 10.3 | 65.1 | 71.6 | 76.5 | 79.6 | 80.3 | 83.2 | 85.4 | 85.4 | 87.4 | 88.8 | 89.3 | 91.4 | 93.2 | 94.3 | 96.2 |
| ≥ 0 | 10.3 | 65.1 | 71.6 | 76.5 | 79.6 | 80.3 | 83.2 | 85.4 | 85.4 | 87.4 | 88.8 | 89.3 | 91.4 | 93.2 | 94.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 916

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 6.7 | 37.3 | 40.4 | 42.6 | 43.4 | 43.6 | 43.8 | 44.2 | 44.2 | 44.8 | 45.0 | 45.0 | 45.4 | 45.6 | 46.0 | 46.3 |
| ≥ 20000 | 7.7 | 40.4 | 43.6 | 45.8 | 46.5 | 46.8 | 47.1 | 47.5 | 47.5 | 48.1 | 48.3 | 48.3 | 49.0 | 49.1 | 49.5 | 49.9 |
| ≥ 18000 | 7.7 | 40.6 | 43.8 | 46.0 | 46.8 | 47.0 | 47.3 | 47.7 | 47.7 | 48.3 | 48.5 | 48.5 | 49.2 | 49.3 | 49.7 | 50.2 |
| ≥ 16000 | 7.7 | 40.6 | 43.8 | 46.0 | 46.8 | 47.0 | 47.3 | 47.7 | 47.7 | 48.3 | 48.5 | 48.5 | 49.2 | 49.3 | 49.7 | 50.2 |
| ≥ 14000 | 7.7 | 40.8 | 44.0 | 46.2 | 47.2 | 47.4 | 47.7 | 48.2 | 48.2 | 48.7 | 49.0 | 49.0 | 49.6 | 49.7 | 50.2 | 50.6 |
| ≥ 12000 | 7.7 | 41.5 | 44.7 | 46.9 | 47.9 | 48.1 | 48.4 | 48.8 | 48.8 | 49.4 | 49.6 | 49.6 | 50.3 | 50.4 | 50.8 | 51.3 |
| ≥ 10000 | 7.4 | 44.9 | 48.1 | 50.3 | 51.3 | 51.5 | 51.8 | 52.3 | 52.3 | 52.8 | 53.0 | 53.0 | 53.7 | 53.8 | 54.2 | 54.7 |
| ≥ 9000 | 7.4 | 45.4 | 48.6 | 50.9 | 51.9 | 52.1 | 52.5 | 52.9 | 52.9 | 53.5 | 53.7 | 53.7 | 54.3 | 54.4 | 54.9 | 55.3 |
| ≥ 8000 | 7.8 | 48.0 | 51.8 | 54.3 | 55.9 | 56.1 | 56.4 | 56.9 | 57.0 | 57.5 | 57.7 | 57.7 | 58.4 | 58.5 | 58.9 | 59.4 |
| ≥ 7000 | 7.9 | 49.1 | 53.0 | 55.7 | 57.2 | 57.4 | 57.8 | 58.3 | 58.4 | 58.9 | 59.3 | 59.3 | 59.9 | 60.0 | 60.5 | 60.9 |
| ≥ 6000 | 8.1 | 50.2 | 54.2 | 57.1 | 58.6 | 58.8 | 59.3 | 59.8 | 59.9 | 60.5 | 60.8 | 60.8 | 61.5 | 61.6 | 62.0 | 62.5 |
| ≥ 5000 | 8.1 | 52.0 | 56.2 | 59.2 | 60.7 | 60.9 | 61.4 | 61.9 | 62.0 | 62.6 | 62.9 | 62.9 | 63.6 | 63.7 | 64.1 | 64.5 |
| ≥ 4500 | 8.1 | 53.7 | 57.2 | 60.2 | 61.8 | 62.0 | 62.5 | 63.1 | 63.2 | 63.8 | 64.1 | 64.1 | 64.8 | 64.9 | 65.3 | 65.8 |
| ≥ 4000 | 8.5 | 55.1 | 59.5 | 62.9 | 64.7 | 64.9 | 65.3 | 66.0 | 66.1 | 66.6 | 67.0 | 67.0 | 67.6 | 67.7 | 68.2 | 68.6 |
| ≥ 3500 | 8.5 | 56.0 | 60.4 | 63.8 | 65.5 | 65.8 | 66.2 | 66.8 | 67.0 | 67.5 | 67.8 | 67.8 | 68.5 | 68.6 | 69.0 | 69.5 |
| ≥ 3000 | 8.7 | 57.4 | 62.2 | 65.6 | 67.6 | 67.9 | 68.4 | 69.2 | 69.3 | 69.8 | 70.1 | 70.1 | 70.8 | 70.9 | 71.4 | 71.8 |
| ≥ 2500 | 8.9 | 58.2 | 63.2 | 66.7 | 68.7 | 69.0 | 69.5 | 70.3 | 70.4 | 70.9 | 71.2 | 71.2 | 71.9 | 72.0 | 72.4 | 72.9 |
| ≥ 2000 | 8.9 | 58.9 | 64.1 | 67.8 | 69.8 | 70.1 | 70.6 | 71.4 | 71.5 | 72.0 | 72.3 | 72.3 | 73.0 | 73.1 | 73.7 | 74.1 |
| ≥ 1800 | 8.9 | 59.1 | 64.2 | 67.9 | 69.9 | 70.3 | 70.7 | 71.5 | 71.6 | 72.1 | 72.4 | 72.4 | 73.1 | 73.2 | 73.8 | 74.2 |
| ≥ 1500 | 8.9 | 59.7 | 64.9 | 68.6 | 70.6 | 70.9 | 71.7 | 72.6 | 72.7 | 73.2 | 73.5 | 73.5 | 74.2 | 74.3 | 74.9 | 75.3 |
| ≥ 1200 | 8.9 | 59.9 | 65.2 | 68.9 | 71.1 | 71.6 | 72.3 | 73.3 | 73.4 | 74.0 | 74.3 | 74.3 | 75.0 | 75.1 | 75.6 | 76.1 |
| ≥ 1000 | 8.9 | 59.9 | 65.4 | 69.2 | 71.4 | 71.8 | 72.6 | 73.5 | 73.7 | 74.2 | 74.5 | 74.5 | 75.2 | 75.3 | 75.9 | 76.7 |
| ≥ 900 | 8.9 | 59.9 | 65.4 | 69.2 | 71.4 | 71.9 | 72.7 | 73.7 | 73.8 | 74.3 | 74.6 | 74.6 | 75.3 | 75.4 | 76.0 | 76.4 |
| ≥ 800 | 8.9 | 60.0 | 65.6 | 69.4 | 71.6 | 72.2 | 73.0 | 74.1 | 74.2 | 74.9 | 75.3 | 75.3 | 76.0 | 76.1 | 76.6 | 77.1 |
| ≥ 700 | 8.9 | 60.2 | 66.2 | 69.9 | 72.1 | 72.8 | 73.9 | 75.1 | 75.2 | 75.9 | 76.3 | 76.3 | 76.9 | 77.1 | 77.6 | 78.0 |
| ≥ 600 | 8.9 | 60.7 | 67.2 | 71.1 | 73.4 | 74.1 | 75.3 | 76.7 | 76.8 | 77.6 | 78.2 | 78.2 | 78.8 | 78.9 | 79.5 | 79.9 |
| ≥ 500 | 8.9 | 61.4 | 67.8 | 72.6 | 75.1 | 75.9 | 78.4 | 80.5 | 80.7 | 81.8 | 82.3 | 82.5 | 83.3 | 83.4 | 84.0 | 84.4 |
| ≥ 400 | 8.9 | 61.4 | 67.9 | 72.8 | 75.7 | 76.6 | 79.3 | 81.3 | 81.7 | 83.0 | 84.0 | 84.2 | 85.0 | 85.1 | 85.6 | 86.1 |
| ≥ 300 | 9.0 | 61.6 | 68.3 | 73.1 | 76.3 | 77.3 | 80.1 | 82.3 | 82.7 | 84.3 | 85.9 | 86.6 | 87.9 | 88.5 | 89.0 | 89.6 |
| ≥ 200 | 9.0 | 61.6 | 68.3 | 73.1 | 76.4 | 77.4 | 80.2 | 82.4 | 82.8 | 84.7 | 86.7 | 87.4 | 89.1 | 90.2 | 90.8 | 91.4 |
| ≥ 100 | 9.0 | 61.6 | 68.3 | 73.1 | 76.4 | 77.4 | 80.2 | 82.4 | 82.8 | 85.0 | 86.9 | 87.6 | 89.7 | 91.0 | 92.3 | 94.7 |
| ≥ 0 | 9.0 | 61.6 | 68.3 | 73.1 | 76.4 | 77.4 | 80.2 | 82.4 | 82.8 | 85.0 | 86.9 | 87.6 | 89.8 | 91.1 | 92.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 911

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-87
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/8 | ≥1/16 | ≥1/32 |
| NO CEILING | 6.1 | 41.2 | 43.1 | 43.2 | 43.6 | 43.6 | 43.7 | 43.7 | 43.7 | 43.8 | 43.8 | 43.8 | 43.8 | 44.1 | 44.2 | 44.2 |
| ≥ 20000 | 8.1 | 45.9 | 48.2 | 48.7 | 49.1 | 49.1 | 49.6 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.9 | 50.1 | 50.2 | 50.3 |
| ≥ 18000 | 8.1 | 45.9 | 48.2 | 48.7 | 49.1 | 49.1 | 49.6 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.9 | 50.1 | 50.2 | 50.3 |
| ≥ 16000 | 8.1 | 46.3 | 48.3 | 48.8 | 49.2 | 49.2 | 49.7 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 50.0 | 50.2 | 50.3 | 50.4 |
| ≥ 14000 | 8.1 | 46.6 | 48.9 | 49.3 | 49.8 | 49.8 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.3 | 50.6 | 50.8 | 50.9 | 51.0 |
| ≥ 12000 | 8.1 | 47.4 | 49.7 | 50.1 | 50.6 | 50.6 | 51.0 | 51.0 | 51.1 | 51.2 | 51.2 | 51.2 | 51.4 | 51.7 | 51.8 | 51.9 |
| ≥ 10000 | 8.1 | 49.2 | 51.7 | 52.1 | 52.5 | 52.5 | 53.2 | 53.2 | 53.4 | 53.5 | 53.5 | 53.5 | 53.7 | 54.0 | 54.1 | 54.2 |
| ≥ 9000 | 8.1 | 50.0 | 52.4 | 53.1 | 53.5 | 53.5 | 54.2 | 54.2 | 54.4 | 54.5 | 54.5 | 54.5 | 54.7 | 55.0 | 55.1 | 55.2 |
| ≥ 8000 | 8.7 | 54.3 | 56.8 | 57.7 | 58.4 | 58.4 | 59.0 | 59.0 | 59.3 | 59.5 | 59.5 | 59.5 | 59.7 | 59.9 | 60.0 | 60.1 |
| ≥ 7000 | 9.1 | 55.6 | 58.1 | 59.0 | 59.7 | 59.8 | 60.5 | 60.5 | 60.7 | 60.9 | 60.9 | 60.9 | 61.1 | 61.3 | 61.5 | 61.6 |
| ≥ 6000 | 9.1 | 55.3 | 58.8 | 59.7 | 60.4 | 60.5 | 61.1 | 61.1 | 61.3 | 61.6 | 61.6 | 61.6 | 61.8 | 62.0 | 62.1 | 62.2 |
| ≥ 5000 | 9.3 | 58.1 | 60.7 | 61.6 | 62.3 | 62.4 | 63.1 | 63.1 | 63.3 | 63.5 | 63.5 | 63.5 | 63.8 | 64.0 | 64.1 | 64.2 |
| ≥ 4500 | 9.3 | 56.6 | 61.2 | 62.1 | 63.0 | 63.1 | 63.8 | 63.8 | 64.0 | 64.2 | 64.2 | 64.2 | 64.4 | 64.6 | 64.8 | 64.9 |
| ≥ 4000 | 9.4 | 61.1 | 63.9 | 64.9 | 65.7 | 65.9 | 66.5 | 66.5 | 66.7 | 67.0 | 67.0 | 67.0 | 67.2 | 67.4 | 67.5 | 67.6 |
| ≥ 3500 | 9.4 | 62.2 | 65.1 | 66.0 | 66.9 | 67.0 | 67.6 | 67.6 | 67.8 | 68.1 | 68.1 | 68.1 | 68.3 | 68.5 | 68.6 | 68.7 |
| ≥ 3000 | 9.7 | 64.3 | 67.3 | 68.3 | 69.5 | 69.6 | 70.5 | 70.5 | 70.7 | 70.9 | 70.9 | 70.9 | 71.1 | 71.4 | 71.5 | 71.6 |
| ≥ 2500 | 9.9 | 65.0 | 68.2 | 69.2 | 70.5 | 70.6 | 71.5 | 71.5 | 71.7 | 71.9 | 71.9 | 71.9 | 72.1 | 72.4 | 72.5 | 72.6 |
| ≥ 2000 | 9.9 | 66.0 | 69.2 | 70.2 | 71.9 | 72.1 | 73.0 | 73.0 | 73.2 | 73.5 | 73.5 | 73.5 | 73.7 | 73.9 | 74.0 | 74.1 |
| ≥ 1800 | 9.8 | 66.1 | 69.3 | 70.3 | 72.0 | 72.2 | 73.1 | 73.1 | 73.3 | 73.6 | 73.6 | 73.6 | 73.8 | 74.0 | 74.1 | 74.2 |
| ≥ 1500 | 9.8 | 67.0 | 70.3 | 71.4 | 73.2 | 73.5 | 74.6 | 74.6 | 74.8 | 75.0 | 75.0 | 75.0 | 75.2 | 75.4 | 75.6 | 75.7 |
| ≥ 1200 | 9.8 | 67.4 | 70.7 | 71.8 | 73.7 | 73.9 | 75.0 | 75.0 | 75.2 | 75.4 | 75.4 | 75.4 | 75.7 | 75.9 | 76.1 | 76.1 |
| ≥ 1000 | 9.9 | 68.2 | 71.7 | 73.0 | 75.0 | 75.6 | 76.8 | 77.0 | 77.2 | 77.5 | 77.5 | 77.5 | 77.8 | 78.0 | 78.1 | 78.2 |
| ≥ 900 | 9.9 | 68.2 | 71.7 | 73.0 | 75.0 | 75.6 | 76.8 | 77.0 | 77.2 | 77.5 | 77.5 | 77.5 | 77.8 | 78.0 | 78.1 | 78.2 |
| ≥ 800 | 9.9 | 68.3 | 72.4 | 74.3 | 76.3 | 77.0 | 78.2 | 78.4 | 78.6 | 79.0 | 79.1 | 79.1 | 79.3 | 79.5 | 79.6 | 79.7 |
| ≥ 700 | 9.9 | 68.4 | 72.7 | 74.7 | 76.8 | 77.4 | 78.9 | 79.1 | 79.3 | 79.6 | 79.7 | 79.7 | 80.0 | 80.2 | 80.3 | 80.4 |
| ≥ 600 | 9.9 | 68.8 | 73.5 | 75.7 | 77.9 | 78.7 | 80.3 | 81.1 | 81.3 | 81.7 | 81.8 | 81.8 | 82.0 | 82.3 | 82.4 | 82.5 |
| ≥ 500 | 9.9 | 69.8 | 74.7 | 77.2 | 80.3 | 81.2 | 82.9 | 84.1 | 84.5 | 85.2 | 85.6 | 85.6 | 85.8 | 86.0 | 86.1 | 86.2 |
| ≥ 400 | 9.9 | 69.9 | 75.0 | 77.6 | 80.9 | 81.9 | 83.8 | 85.4 | 85.9 | 87.0 | 87.4 | 87.6 | 87.9 | 88.3 | 88.4 | 88.5 |
| ≥ 300 | 9.9 | 69.9 | 75.2 | 77.9 | 81.4 | 82.5 | 84.7 | 87.1 | 87.7 | 89.8 | 90.4 | 90.7 | 91.3 | 92.3 | 92.5 | 92.6 |
| ≥ 200 | 9.9 | 69.9 | 75.2 | 77.9 | 81.4 | 82.5 | 84.8 | 87.2 | 87.9 | 90.0 | 91.0 | 91.5 | 93.4 | 95.2 | 95.4 | 95.6 |
| ≥ 100 | 9.9 | 69.9 | 75.2 | 77.9 | 81.4 | 82.5 | 84.8 | 87.2 | 87.9 | 90.0 | 91.0 | 91.6 | 93.6 | 95.8 | 96.5 | 98.7 |
| ≥ 0 | 9.9 | 69.9 | 75.2 | 77.9 | 81.4 | 82.5 | 84.8 | 87.2 | 87.9 | 90.0 | 91.0 | 91.6 | 93.6 | 95.8 | 96.5 | 98.7 |

TOTAL NUMBER OF OBSERVATIONS 906

UNCLASSIFIED

USAFETAC/DS-B2/032

SBI-AD-E850 177

NL

3

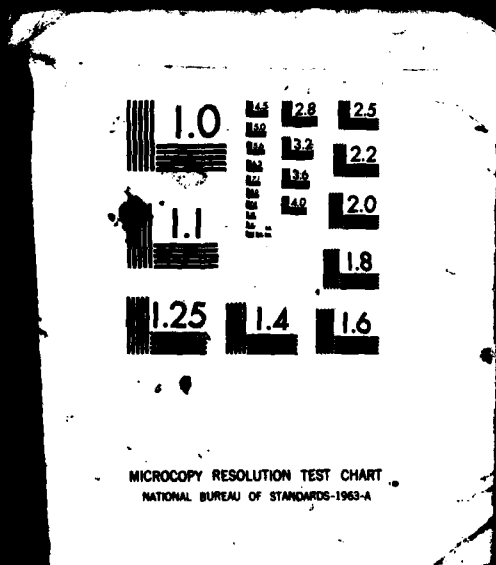
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AD A

116100



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES: | | | | | | | | | | | | | | | |
|-------------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 8.3 | 43.7 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| ≥ 20000 | 8.4 | 48.3 | 50.8 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 18000 | 8.4 | 48.5 | 51.0 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 16000 | 8.4 | 48.5 | 51.0 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 14000 | 8.4 | 48.9 | 51.4 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 12000 | 8.4 | 49.4 | 51.9 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 10000 | 8.9 | 51.6 | 54.1 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 9000 | 9.1 | 52.1 | 54.6 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 8000 | 9.1 | 55.2 | 57.7 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 7000 | 10.2 | 57.7 | 60.3 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 6000 | 10.5 | 58.7 | 61.3 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 5000 | 10.9 | 59.7 | 62.3 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 4500 | 10.9 | 59.9 | 62.5 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 4000 | 10.9 | 61.0 | 63.6 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 3500 | 11.0 | 62.3 | 64.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 3000 | 11.9 | 66.0 | 69.0 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 2500 | 11.9 | 68.2 | 71.3 | 72.3 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 2000 | 11.9 | 70.3 | 73.4 | 74.4 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 1800 | 11.9 | 70.7 | 73.9 | 75.1 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 1500 | 11.9 | 72.1 | 75.5 | 76.9 | 77.3 | 77.3 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 1200 | 11.9 | 73.1 | 76.3 | 77.7 | 78.0 | 78.0 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 1000 | 11.9 | 74.8 | 78.5 | 80.4 | 80.9 | 81.0 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 900 | 11.9 | 75.3 | 79.1 | 81.4 | 81.9 | 82.0 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 800 | 11.9 | 75.7 | 80.1 | 82.6 | 83.5 | 83.6 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 700 | 11.9 | 76.5 | 81.1 | 83.8 | 84.9 | 85.1 | 86.0 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 600 | 11.9 | 76.7 | 81.4 | 84.0 | 85.5 | 86.1 | 87.1 | 87.7 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 |
| ≥ 500 | 11.9 | 77.4 | 83.3 | 86.2 | 88.2 | 88.6 | 90.2 | 91.3 | 91.4 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 400 | 11.9 | 77.6 | 83.6 | 86.6 | 88.9 | 89.5 | 91.6 | 94.2 | 94.3 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 300 | 11.9 | 77.6 | 83.6 | 86.6 | 88.9 | 89.5 | 91.7 | 94.4 | 94.6 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 200 | 11.9 | 77.6 | 83.6 | 86.6 | 88.9 | 89.5 | 91.7 | 94.4 | 94.6 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 100 | 11.9 | 77.6 | 83.6 | 86.6 | 88.9 | 89.5 | 91.7 | 94.4 | 94.6 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 0 | 11.9 | 77.6 | 83.6 | 86.6 | 88.9 | 89.5 | 91.7 | 94.4 | 94.6 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 |

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-3920

BRUNSWICK NAS ME

69-70,73-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
hours (LST)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING ≥ 20000 | 8.3 | 42.7 | 44.8 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| N 18000 | 8.8 | 48.1 | 50.9 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| N 16000 | 8.8 | 48.1 | 50.7 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| N 14000 | 8.8 | 49.0 | 51.3 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| N 12000 | 8.8 | 50.2 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| N 10000 | 8.9 | 53.5 | 56.2 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| N 9000 | 9.0 | 53.7 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| N 8000 | 9.1 | 55.6 | 58.5 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| N 7000 | 9.5 | 56.9 | 59.9 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| N 6000 | 9.7 | 57.7 | 60.8 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| N 5000 | 10.4 | 59.1 | 62.2 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| N 4500 | 10.6 | 59.8 | 62.9 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| N 4000 | 11.4 | 63.8 | 66.9 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| N 3500 | 11.6 | 66.5 | 69.7 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| N 3000 | 11.8 | 70.8 | 74.3 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| N 2500 | 11.8 | 73.3 | 76.9 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| N 2000 | 11.8 | 74.5 | 77.5 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| N 1800 | 11.8 | 74.2 | 77.8 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| N 1500 | 11.8 | 75.8 | 79.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| N 1200 | 11.8 | 77.1 | 81.2 | 82.3 | 82.4 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| N 1000 | 11.8 | 78.1 | 83.0 | 84.7 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| N 900 | 11.8 | 78.5 | 83.6 | 85.4 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| N 800 | 11.8 | 79.4 | 84.7 | 86.7 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| N 700 | 11.8 | 79.8 | 85.4 | 87.4 | 89.1 | 89.3 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| N 600 | 11.8 | 79.7 | 85.5 | 87.7 | 89.8 | 90.2 | 90.7 | 91.7 | 91.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| N 500 | 11.8 | 80.1 | 86.0 | 88.9 | 91.3 | 92.1 | 93.0 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| N 400 | 11.8 | 80.1 | 86.0 | 89.1 | 91.4 | 92.4 | 93.4 | 95.4 | 95.4 | 96.7 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 |
| N 300 | 11.8 | 80.1 | 86.0 | 89.1 | 92.0 | 92.7 | 94.2 | 96.3 | 96.3 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 |
| N 200 | 11.8 | 80.1 | 86.0 | 89.1 | 92.8 | 92.8 | 94.3 | 96.4 | 96.7 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| N 100 | 11.8 | 80.1 | 86.0 | 89.1 | 92.8 | 92.8 | 94.3 | 96.4 | 96.7 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| N 0 | 11.8 | 80.1 | 86.0 | 89.1 | 92.8 | 92.8 | 94.3 | 96.4 | 96.7 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 994

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
MAY 1969

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ½ | ¼ | ≥3/16 | ≥1/8 | ≥0 |
| NO CEILING | 8.5 | 39.3 | 41.7 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 |
| ≥ 20000 | 8.7 | 47.2 | 49.9 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| ≥ 18000 | 8.7 | 47.5 | 50.2 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| ≥ 16000 | 8.7 | 47.8 | 50.2 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| ≥ 14000 | 8.7 | 47.7 | 50.4 | 50.7 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| ≥ 12000 | 9.0 | 48.8 | 51.9 | 51.7 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 10000 | 9.2 | 51.9 | 54.8 | 55.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 9000 | 9.4 | 52.4 | 55.7 | 55.1 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 8000 | 9.7 | 57.4 | 60.9 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 7000 | 9.7 | 59.8 | 62.1 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 6000 | 9.8 | 59.5 | 63.1 | 63.6 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 5000 | 10.0 | 60.7 | 64.2 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 4500 | 10.0 | 61.6 | 65.2 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 4000 | 10.7 | 65.2 | 68.7 | 69.2 | 69.9 | 70.8 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 3500 | 10.9 | 68.0 | 71.6 | 72.1 | 72.9 | 73.8 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 3000 | 11.0 | 71.5 | 75.2 | 76.8 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 2500 | 11.0 | 72.0 | 76.9 | 77.8 | 78.0 | 78.1 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 2000 | 11.0 | 73.2 | 77.3 | 78.1 | 79.9 | 79.1 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 1800 | 11.0 | 73.6 | 77.6 | 78.6 | 79.8 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 1500 | 11.0 | 75.0 | 79.3 | 80.2 | 81.3 | 81.4 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 1200 | 11.0 | 75.0 | 80.1 | 81.4 | 83.0 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 1000 | 11.0 | 76.0 | 82.0 | 83.3 | 85.5 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 900 | 11.0 | 77.0 | 82.3 | 83.6 | 85.8 | 86.6 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 800 | 11.0 | 77.5 | 83.1 | 85.4 | 87.8 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 700 | 11.0 | 78.0 | 85.2 | 87.1 | 89.8 | 90.6 | 90.5 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 600 | 11.0 | 79.4 | 85.9 | 88.6 | 91.2 | 91.7 | 92.5 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 500 | 11.0 | 79.1 | 86.2 | 89.6 | 92.0 | 93.2 | 93.9 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 400 | 11.0 | 79.8 | 86.8 | 90.6 | 93.8 | 93.8 | 94.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 300 | 11.0 | 79.6 | 86.8 | 90.6 | 93.2 | 93.8 | 95.2 | 97.2 | 97.4 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 200 | 11.0 | 79.8 | 86.8 | 90.6 | 93.2 | 93.8 | 95.2 | 97.2 | 97.8 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 100 | 11.0 | 79.8 | 86.8 | 90.6 | 93.2 | 93.8 | 95.2 | 97.2 | 97.8 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 0 | 11.0 | 79.8 | 86.8 | 90.6 | 93.2 | 93.8 | 95.2 | 97.2 | 97.8 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |

TOTAL NUMBER OF OBSERVATIONS 214

USAF ETAC FORM 9-104 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70, 73-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
NORMAL (L.S.D.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 8.3 | 39.6 | 41.7 | 41.8 | 41.9 | 41.9 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.2 |
| ≥ 20000 | 8.3 | 39.6 | 41.7 | 41.8 | 41.9 | 41.9 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.2 |
| ≥ 18000 | 8.3 | 46.2 | 48.2 | 48.9 | 49.0 | 49.0 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.4 |
| ≥ 16000 | 8.3 | 46.2 | 48.2 | 48.9 | 49.0 | 49.0 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.4 |
| ≥ 14000 | 8.3 | 46.2 | 49.0 | 49.6 | 49.7 | 49.7 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 50.2 |
| ≥ 12000 | 8.3 | 46.2 | 50.3 | 50.9 | 51.0 | 51.0 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.5 |
| ≥ 10000 | 8.7 | 50.7 | 53.2 | 53.9 | 54.0 | 54.0 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.4 |
| ≥ 9000 | 8.7 | 50.7 | 53.7 | 54.4 | 54.5 | 54.5 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.9 |
| ≥ 8000 | 9.4 | 55.0 | 57.9 | 58.6 | 59.2 | 59.2 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.8 |
| ≥ 7000 | 9.4 | 55.0 | 59.2 | 60.0 | 60.0 | 60.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.3 |
| ≥ 6000 | 9.4 | 57.2 | 60.8 | 61.4 | 62.2 | 62.2 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.8 |
| ≥ 5000 | 9.4 | 58.2 | 62.5 | 63.4 | 64.0 | 64.0 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.9 |
| ≥ 4500 | 9.8 | 60.0 | 64.0 | 65.4 | 66.3 | 66.3 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.1 |
| ≥ 4000 | 10.1 | 61.6 | 65.9 | 67.6 | 67.8 | 67.8 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.9 |
| ≥ 3500 | 10.3 | 63.1 | 67.9 | 69.2 | 70.0 | 70.0 | 70.8 | 70.8 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.3 |
| ≥ 3000 | 10.3 | 66.6 | 71.4 | 72.6 | 72.8 | 72.8 | 74.0 | 74.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.9 |
| ≥ 2500 | 10.3 | 67.7 | 72.6 | 74.6 | 75.0 | 75.0 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.6 |
| ≥ 2000 | 10.3 | 69.2 | 73.8 | 75.2 | 76.2 | 76.2 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 78.1 |
| ≥ 1800 | 10.3 | 68.7 | 73.8 | 75.2 | 76.2 | 76.2 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 78.1 |
| ≥ 1500 | 10.3 | 69.2 | 74.2 | 75.7 | 76.7 | 76.7 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.7 |
| ≥ 1200 | 10.3 | 69.7 | 74.9 | 76.3 | 77.2 | 77.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.5 |
| ≥ 1000 | 10.3 | 70.5 | 76.2 | 77.5 | 79.2 | 79.2 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.1 |
| ≥ 900 | 10.3 | 71.2 | 76.8 | 78.2 | 79.3 | 79.3 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 |
| ≥ 800 | 10.3 | 71.2 | 76.8 | 78.2 | 79.3 | 79.3 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 |
| ≥ 700 | 10.3 | 71.8 | 77.8 | 79.6 | 81.0 | 81.0 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.5 |
| ≥ 600 | 10.3 | 72.5 | 78.8 | 80.5 | 82.2 | 82.2 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.5 |
| ≥ 500 | 10.3 | 72.7 | 79.3 | 81.1 | 84.2 | 84.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.6 |
| ≥ 400 | 10.3 | 72.8 | 79.5 | 82.1 | 84.8 | 84.8 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 |
| ≥ 300 | 10.3 | 73.0 | 79.8 | 82.3 | 85.2 | 85.2 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 |
| ≥ 200 | 10.3 | 73.2 | 79.7 | 82.4 | 85.2 | 85.2 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 |
| ≥ 100 | 10.3 | 73.2 | 79.7 | 82.4 | 85.2 | 85.2 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 |
| ≥ 0 | 10.3 | 73.2 | 79.7 | 82.4 | 85.2 | 85.2 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 |

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2109-2300
TIME (LST)

| CEILING (FEET) | VISIBILITY - STATUTE MILES: | | | | | | | | | | | | | | | |
|-------------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 9.7 | 43.2 | 45.7 | 46.5 | 46.5 | 46.5 | 46.5 | 46.8 | 46.8 | 46.8 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.2 |
| ≥ 20000 | 9.8 | 46.7 | 49.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.7 | 50.7 | 50.7 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 51.0 |
| N 18000 | 9.8 | 46.8 | 49.8 | 50.4 | 50.4 | 50.4 | 50.4 | 50.8 | 50.8 | 50.8 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.1 |
| N 16000 | 9.8 | 46.8 | 49.8 | 50.4 | 50.4 | 50.4 | 50.4 | 50.8 | 50.8 | 50.8 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 |
| N 14000 | 9.8 | 47.3 | 49.9 | 50.9 | 50.9 | 50.9 | 51.0 | 51.3 | 51.3 | 51.3 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.6 |
| N 12000 | 9.8 | 48.4 | 51.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.4 | 52.4 | 52.4 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 |
| N 10000 | 9.9 | 50.9 | 53.5 | 54.3 | 54.3 | 54.3 | 54.3 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 |
| N 9000 | 10.2 | 51.0 | 54.0 | 55.0 | 55.0 | 55.0 | 55.2 | 55.8 | 55.8 | 55.8 | 55.8 | 55.7 | 55.7 | 55.7 | 55.7 | 55.8 |
| N 8000 | 10.4 | 54.1 | 57.9 | 59.2 | 59.3 | 59.3 | 59.4 | 59.7 | 59.7 | 59.7 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.0 |
| N 7000 | 10.5 | 55.0 | 58.7 | 60.2 | 60.3 | 60.3 | 60.3 | 60.7 | 60.7 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 |
| N 6000 | 10.7 | 56.2 | 60.0 | 61.3 | 61.6 | 61.6 | 61.7 | 62.0 | 62.0 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.3 |
| N 5000 | 10.8 | 58.6 | 62.0 | 64.0 | 64.3 | 64.3 | 64.3 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 |
| N 4500 | 11.1 | 59.9 | 64.3 | 65.7 | 65.8 | 65.8 | 65.9 | 66.3 | 66.3 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.6 |
| N 4000 | 11.6 | 61.0 | 65.6 | 67.1 | 67.0 | 67.0 | 67.0 | 67.3 | 67.3 | 67.3 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.6 |
| N 3500 | 11.6 | 62.0 | 66.7 | 68.9 | 69.0 | 69.0 | 69.1 | 69.4 | 69.4 | 69.4 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 |
| N 3000 | 11.6 | 63.0 | 69.7 | 71.8 | 71.9 | 71.9 | 72.1 | 72.4 | 72.4 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 |
| N 2500 | 11.6 | 65.2 | 69.9 | 72.1 | 72.2 | 72.2 | 72.3 | 72.6 | 72.6 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.9 |
| N 2000 | 11.6 | 66.2 | 71.0 | 73.3 | 73.3 | 73.3 | 73.3 | 73.6 | 73.6 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 |
| N 1800 | 11.6 | 66.2 | 71.0 | 73.3 | 73.3 | 73.3 | 73.3 | 73.6 | 73.6 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 |
| N 1500 | 11.6 | 66.2 | 71.0 | 73.3 | 73.3 | 73.3 | 73.3 | 73.6 | 73.6 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 |
| N 1200 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| N 1000 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| N 900 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| N 800 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| N 700 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| N 600 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| N 500 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| N 400 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| N 300 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| N 200 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| N 100 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| N 0 | 11.6 | 67.2 | 72.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927

BRUNSWICK NAS ME

69-70,73-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
MONTHS (L.S.D.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/8 | ≥1/16 | ≥0 |
| NO CEILING ≥ 20000 | 8.3 | 41.0 | 43.4 | 44.1 | 44.3 | 44.3 | 44.5 | 44.6 | 44.6 | 44.7 | 44.8 | 44.8 | 44.8 | 44.9 | 44.9 | 45.0 |
| IV 18000 | 8.5 | 45.8 | 48.4 | 49.3 | 49.6 | 49.6 | 49.8 | 49.9 | 49.9 | 50.0 | 50.1 | 50.1 | 50.2 | 50.3 | 50.3 | 50.4 |
| IV 16000 | 8.5 | 46.1 | 48.6 | 49.5 | 49.8 | 49.8 | 50.0 | 50.1 | 50.1 | 50.2 | 50.3 | 50.3 | 50.4 | 50.5 | 50.5 | 50.7 |
| IV 14000 | 8.5 | 46.2 | 48.7 | 49.6 | 49.9 | 49.9 | 50.0 | 50.1 | 50.1 | 50.2 | 50.3 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 |
| IV 12000 | 8.5 | 46.5 | 49.1 | 50.0 | 50.3 | 50.3 | 50.5 | 50.6 | 50.6 | 50.7 | 50.8 | 50.8 | 50.9 | 51.0 | 51.0 | 51.2 |
| IV 10000 | 8.5 | 47.5 | 50.0 | 50.9 | 51.1 | 51.2 | 51.3 | 51.5 | 51.5 | 51.6 | 51.7 | 51.7 | 51.8 | 51.9 | 51.9 | 52.0 |
| IV 9000 | 8.7 | 49.9 | 52.7 | 53.6 | 53.9 | 53.9 | 54.1 | 54.3 | 54.3 | 54.4 | 54.5 | 54.5 | 54.6 | 54.6 | 54.7 | 54.8 |
| IV 8000 | 8.8 | 50.4 | 53.3 | 54.2 | 54.5 | 54.5 | 54.7 | 54.9 | 54.9 | 55.0 | 55.0 | 55.1 | 55.2 | 55.2 | 55.3 | 55.4 |
| IV 7000 | 9.2 | 53.0 | 57.1 | 58.2 | 58.7 | 58.8 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.4 | 59.5 | 59.5 | 59.6 | 59.7 |
| IV 6000 | 9.4 | 55.1 | 58.5 | 59.6 | 60.2 | 60.3 | 60.5 | 60.7 | 60.7 | 60.8 | 60.9 | 60.9 | 61.0 | 61.1 | 61.1 | 61.3 |
| IV 5000 | 9.6 | 56.2 | 59.6 | 61.0 | 61.5 | 61.6 | 61.8 | 61.9 | 62.0 | 62.1 | 62.2 | 62.2 | 62.3 | 62.3 | 62.4 | 62.5 |
| IV 4500 | 9.9 | 57.8 | 61.3 | 62.7 | 63.2 | 63.3 | 63.5 | 63.7 | 63.7 | 63.8 | 63.9 | 63.9 | 64.1 | 64.1 | 64.2 | 64.3 |
| IV 4000 | 10.0 | 58.7 | 62.4 | 63.7 | 64.3 | 64.3 | 64.6 | 64.6 | 64.8 | 64.9 | 65.0 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 |
| IV 3500 | 10.4 | 60.8 | 64.6 | 66.2 | 66.8 | 66.8 | 67.1 | 67.3 | 67.3 | 67.5 | 67.6 | 67.6 | 67.7 | 67.8 | 67.8 | 67.9 |
| IV 3000 | 10.4 | 62.5 | 66.3 | 67.9 | 68.6 | 68.6 | 68.9 | 69.2 | 69.2 | 69.3 | 69.4 | 69.4 | 69.5 | 69.6 | 69.6 | 69.8 |
| IV 2500 | 10.7 | 65.5 | 69.5 | 71.5 | 72.0 | 72.3 | 72.4 | 72.7 | 72.7 | 72.8 | 72.9 | 72.9 | 73.1 | 73.1 | 73.2 | 73.3 |
| IV 2000 | 10.7 | 66.6 | 70.6 | 72.6 | 73.4 | 73.4 | 73.8 | 74.1 | 74.1 | 74.2 | 74.3 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 |
| IV 1800 | 10.7 | 67.5 | 71.5 | 73.5 | 74.6 | 74.6 | 75.1 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.8 | 75.9 | 75.9 | 76.1 |
| IV 1500 | 10.7 | 67.7 | 72.0 | 73.9 | 74.8 | 74.8 | 75.4 | 75.6 | 75.7 | 75.8 | 75.9 | 75.9 | 76.0 | 76.1 | 76.1 | 76.3 |
| IV 1200 | 10.7 | 68.7 | 73.2 | 75.2 | 76.3 | 76.3 | 76.8 | 77.2 | 77.2 | 77.3 | 77.4 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 |
| IV 1000 | 10.7 | 69.2 | 73.6 | 75.6 | 76.9 | 76.9 | 77.1 | 77.7 | 77.7 | 77.8 | 77.9 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 |
| IV 900 | 10.7 | 69.2 | 73.6 | 75.6 | 76.9 | 76.9 | 77.1 | 77.7 | 77.7 | 77.8 | 77.9 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 |
| IV 800 | 10.7 | 70.0 | 74.5 | 77.2 | 78.5 | 78.5 | 79.3 | 79.7 | 79.7 | 79.8 | 79.9 | 79.9 | 80.0 | 80.0 | 80.2 | 80.3 |
| IV 700 | 10.7 | 70.2 | 75.2 | 77.6 | 78.8 | 78.8 | 79.2 | 79.7 | 79.7 | 79.8 | 79.9 | 79.9 | 80.0 | 80.0 | 80.2 | 80.3 |
| IV 600 | 10.7 | 70.8 | 75.9 | 78.5 | 79.9 | 79.9 | 80.5 | 80.9 | 80.9 | 81.0 | 81.1 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 |
| IV 500 | 10.7 | 71.0 | 76.0 | 79.3 | 80.9 | 80.9 | 81.3 | 82.2 | 82.2 | 82.3 | 82.4 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 |
| IV 400 | 10.7 | 71.5 | 77.3 | 80.7 | 82.3 | 82.3 | 82.7 | 83.6 | 83.6 | 83.7 | 83.8 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 |
| IV 300 | 10.7 | 71.9 | 77.9 | 81.3 | 83.0 | 83.0 | 83.4 | 84.2 | 84.2 | 84.3 | 84.4 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 |
| IV 200 | 10.7 | 72.0 | 78.2 | 81.7 | 83.4 | 83.4 | 83.8 | 84.6 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 |
| IV 100 | 10.7 | 72.1 | 78.3 | 81.8 | 83.5 | 83.5 | 83.9 | 84.7 | 84.7 | 84.8 | 84.9 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 |
| IV 0 | 10.7 | 72.2 | 78.3 | 81.9 | 83.6 | 83.6 | 84.0 | 84.8 | 84.8 | 84.9 | 85.0 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 |

TOTAL NUMBER OF OBSERVATIONS

7397

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
hours (LST)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 6.7 | 41.4 | 44.1 | 45.7 | 46.6 | 47.0 | 47.7 | 48.2 | 48.3 | 49.1 | 49.3 | 49.4 | 49.4 | 49.5 | 49.5 | 49.7 |
| ≥ 20000 | 6.7 | 44.0 | 48.1 | 49.0 | 50.9 | 51.2 | 52.0 | 52.5 | 52.6 | 53.0 | 53.6 | 53.7 | 53.7 | 53.8 | 53.8 | 54.0 |
| ≥ 18000 | 6.7 | 44.4 | 48.2 | 49.0 | 50.9 | 51.2 | 52.0 | 52.5 | 52.6 | 53.0 | 53.6 | 53.7 | 53.7 | 53.8 | 53.8 | 54.0 |
| ≥ 16000 | 6.7 | 44.7 | 48.2 | 49.0 | 51.0 | 51.4 | 52.1 | 52.6 | 52.7 | 53.3 | 53.7 | 53.8 | 53.8 | 54.0 | 54.0 | 54.1 |
| ≥ 14000 | 6.7 | 45.0 | 48.5 | 50.4 | 51.7 | 52.0 | 52.0 | 53.3 | 53.4 | 54.2 | 54.4 | 54.5 | 54.5 | 54.6 | 54.6 | 54.7 |
| ≥ 12000 | 6.7 | 45.7 | 49.3 | 51.4 | 52.5 | 52.8 | 53.6 | 54.1 | 54.2 | 55.0 | 55.2 | 55.3 | 55.3 | 55.4 | 55.4 | 55.5 |
| ≥ 10000 | 7.0 | 48.3 | 52.5 | 54.6 | 55.8 | 56.1 | 56.9 | 57.3 | 57.4 | 58.2 | 58.5 | 58.6 | 58.6 | 58.7 | 58.7 | 58.8 |
| ≥ 9000 | 7.0 | 48.3 | 52.7 | 54.9 | 56.0 | 56.3 | 57.1 | 57.6 | 57.7 | 58.5 | 58.7 | 58.8 | 58.8 | 58.9 | 58.9 | 59.0 |
| ≥ 8000 | 7.1 | 50.5 | 55.1 | 57.4 | 58.7 | 59.0 | 59.8 | 60.3 | 60.4 | 61.2 | 61.4 | 61.5 | 61.5 | 61.6 | 61.6 | 61.7 |
| ≥ 7000 | 7.1 | 51.4 | 56.1 | 58.6 | 59.7 | 60.0 | 60.8 | 61.3 | 61.4 | 62.2 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.8 |
| ≥ 6000 | 7.1 | 52.1 | 56.9 | 59.4 | 60.6 | 60.9 | 61.9 | 62.3 | 62.4 | 63.2 | 63.4 | 63.5 | 63.5 | 63.7 | 63.7 | 63.8 |
| ≥ 5000 | 7.1 | 53.0 | 57.8 | 60.3 | 61.5 | 61.8 | 62.9 | 63.3 | 63.4 | 64.2 | 64.4 | 64.5 | 64.5 | 64.7 | 64.7 | 64.8 |
| ≥ 4500 | 7.1 | 53.8 | 58.6 | 60.9 | 62.2 | 62.5 | 63.6 | 64.0 | 64.1 | 64.9 | 65.1 | 65.2 | 65.2 | 65.3 | 65.3 | 65.5 |
| ≥ 4000 | 7.1 | 54.7 | 60.3 | 63.2 | 64.3 | 64.6 | 65.8 | 66.2 | 66.3 | 67.1 | 67.3 | 67.4 | 67.4 | 67.7 | 67.7 | 67.8 |
| ≥ 3500 | 7.2 | 55.6 | 60.8 | 63.7 | 65.2 | 65.5 | 66.7 | 67.3 | 67.4 | 68.2 | 68.4 | 68.5 | 68.5 | 68.6 | 68.6 | 68.7 |
| ≥ 3000 | 7.2 | 57.5 | 63.3 | 66.4 | 68.9 | 69.2 | 69.9 | 70.9 | 70.9 | 71.3 | 71.6 | 71.7 | 71.7 | 71.8 | 71.8 | 71.9 |
| ≥ 2500 | 7.2 | 58.4 | 63.5 | 66.9 | 69.1 | 69.5 | 70.8 | 71.3 | 71.4 | 72.2 | 72.4 | 72.6 | 72.6 | 72.7 | 72.7 | 72.8 |
| ≥ 2000 | 7.2 | 58.8 | 64.2 | 67.6 | 69.8 | 70.3 | 71.9 | 72.6 | 72.1 | 72.9 | 73.1 | 73.3 | 73.3 | 73.4 | 73.4 | 73.5 |
| ≥ 1800 | 7.2 | 58.8 | 64.2 | 67.7 | 69.9 | 70.3 | 71.6 | 72.1 | 72.2 | 73.0 | 73.3 | 73.4 | 73.4 | 73.5 | 73.5 | 73.6 |
| ≥ 1500 | 7.2 | 59.4 | 65.2 | 69.0 | 71.3 | 71.8 | 73.0 | 73.6 | 73.7 | 74.5 | 74.7 | 74.8 | 74.8 | 74.9 | 74.9 | 75.1 |
| ≥ 1200 | 7.2 | 59.4 | 65.5 | 69.2 | 71.6 | 72.0 | 73.4 | 74.2 | 74.4 | 75.2 | 75.4 | 75.5 | 75.5 | 75.6 | 75.6 | 75.7 |
| ≥ 1000 | 7.2 | 59.5 | 66.1 | 70.0 | 72.4 | 73.0 | 74.5 | 75.5 | 75.7 | 76.5 | 76.7 | 76.9 | 76.9 | 77.0 | 77.0 | 77.1 |
| ≥ 900 | 7.2 | 60.2 | 66.4 | 70.2 | 72.6 | 73.3 | 74.7 | 75.7 | 76.0 | 76.9 | 77.2 | 77.3 | 77.3 | 77.4 | 77.4 | 77.5 |
| ≥ 800 | 7.2 | 60.5 | 67.0 | 71.3 | 73.7 | 74.3 | 75.8 | 76.8 | 76.9 | 77.8 | 78.1 | 78.2 | 78.2 | 78.3 | 78.3 | 78.4 |
| ≥ 700 | 7.2 | 60.6 | 67.4 | 71.6 | 74.0 | 74.6 | 76.0 | 77.5 | 77.8 | 78.7 | 79.0 | 79.1 | 79.2 | 79.3 | 79.3 | 79.5 |
| ≥ 600 | 7.2 | 60.8 | 67.5 | 72.1 | 74.5 | 75.3 | 77.1 | 78.2 | 78.4 | 79.3 | 79.7 | 79.8 | 79.9 | 80.0 | 80.0 | 80.1 |
| ≥ 500 | 7.2 | 60.9 | 67.5 | 72.2 | 75.3 | 76.0 | 78.0 | 79.7 | 79.9 | 81.3 | 81.6 | 81.7 | 81.9 | 82.1 | 82.2 | 82.3 |
| ≥ 400 | 7.2 | 61.1 | 67.8 | 72.6 | 76.3 | 76.9 | 79.0 | 81.3 | 81.4 | 82.8 | 83.3 | 83.4 | 83.7 | 83.9 | 84.0 | 84.1 |
| ≥ 300 | 7.2 | 61.2 | 67.9 | 72.6 | 76.4 | 77.4 | 80.5 | 82.8 | 82.9 | 84.4 | 85.2 | 85.4 | 86.1 | 86.2 | 86.3 | 86.5 |
| ≥ 200 | 7.2 | 61.3 | 67.9 | 72.9 | 77.1 | 77.7 | 81.2 | 83.5 | 83.9 | 87.0 | 88.0 | 88.4 | 89.3 | 89.5 | 89.7 | 89.8 |
| ≥ 100 | 7.2 | 61.3 | 67.9 | 72.9 | 77.2 | 77.7 | 81.2 | 83.5 | 83.9 | 87.0 | 88.3 | 88.7 | 90.2 | 91.6 | 93.0 | 95.0 |
| ≥ 0 | 7.2 | 61.3 | 67.9 | 72.9 | 77.2 | 77.7 | 81.2 | 83.5 | 83.9 | 87.1 | 88.4 | 88.8 | 90.3 | 91.8 | 93.2 | 95.0 |

TOTAL NUMBER OF OBSERVATIONS 224

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 4.7 | 31.3 | 35.4 | 37.6 | 38.9 | 39.8 | 41.0 | 42.6 | 42.9 | 43.7 | 43.8 | 44.0 | 44.3 | 44.4 | 44.5 | 45.5 |
| ≥ 20000 | 4.7 | 33.0 | 37.5 | 40.5 | 42.0 | 42.9 | 44.3 | 46.1 | 46.4 | 47.3 | 47.7 | 47.8 | 48.2 | 48.7 | 48.8 | 49.8 |
| ≥ 18000 | 4.7 | 33.0 | 37.5 | 40.5 | 42.0 | 42.9 | 44.3 | 46.1 | 46.4 | 47.3 | 47.7 | 47.8 | 48.2 | 48.7 | 48.8 | 49.8 |
| ≥ 16000 | 4.7 | 33.0 | 37.5 | 40.5 | 42.0 | 42.9 | 44.3 | 46.1 | 46.4 | 47.3 | 47.7 | 47.8 | 48.2 | 48.7 | 48.8 | 49.8 |
| ≥ 14000 | 4.7 | 33.3 | 38.2 | 41.1 | 42.7 | 43.6 | 45.0 | 46.8 | 47.1 | 48.0 | 48.4 | 48.5 | 48.9 | 49.4 | 49.5 | 50.5 |
| ≥ 12000 | 4.7 | 33.9 | 38.8 | 41.7 | 43.3 | 44.2 | 45.6 | 47.3 | 47.7 | 48.6 | 48.9 | 49.0 | 49.5 | 49.9 | 50.1 | 51.1 |
| ≥ 10000 | 4.9 | 36.2 | 41.6 | 44.6 | 46.4 | 47.3 | 48.7 | 50.6 | 51.1 | 52.0 | 52.3 | 52.4 | 53.0 | 53.4 | 53.6 | 54.7 |
| ≥ 9000 | 4.9 | 36.6 | 42.3 | 45.3 | 47.1 | 48.0 | 49.4 | 51.3 | 51.8 | 52.7 | 53.0 | 53.1 | 53.7 | 54.1 | 54.2 | 55.4 |
| ≥ 8000 | 5.0 | 39.9 | 45.6 | 49.2 | 51.1 | 52.1 | 53.6 | 55.5 | 55.9 | 56.9 | 57.3 | 57.4 | 58.0 | 58.4 | 58.5 | 59.7 |
| ≥ 7000 | 5.1 | 41.9 | 47.7 | 51.4 | 53.4 | 54.5 | 55.9 | 57.9 | 58.3 | 59.3 | 59.7 | 59.8 | 60.3 | 60.8 | 60.9 | 62.0 |
| ≥ 6000 | 5.3 | 42.8 | 48.2 | 52.1 | 54.1 | 55.1 | 56.6 | 58.5 | 59.0 | 60.0 | 60.3 | 60.5 | 61.0 | 61.5 | 61.6 | 62.7 |
| ≥ 5000 | 5.4 | 43.8 | 49.7 | 53.6 | 55.6 | 56.6 | 58.1 | 60.2 | 60.7 | 61.7 | 62.0 | 62.1 | 62.7 | 63.2 | 63.3 | 64.4 |
| ≥ 4500 | 5.4 | 44.0 | 49.8 | 53.7 | 55.7 | 56.7 | 58.2 | 60.3 | 60.8 | 61.8 | 62.1 | 62.3 | 62.8 | 63.3 | 63.4 | 64.5 |
| ≥ 4000 | 5.4 | 44.9 | 51.1 | 55.0 | 57.0 | 58.0 | 59.5 | 61.6 | 62.1 | 63.1 | 63.4 | 63.6 | 64.1 | 64.5 | 64.6 | 65.7 |
| ≥ 3500 | 5.4 | 45.4 | 51.6 | 55.6 | 57.6 | 58.6 | 60.1 | 62.2 | 62.7 | 63.7 | 64.0 | 64.2 | 64.7 | 65.1 | 65.2 | 66.3 |
| ≥ 3000 | 5.4 | 47.2 | 54.0 | 58.0 | 60.0 | 61.0 | 62.5 | 64.6 | 65.1 | 66.1 | 66.4 | 66.6 | 67.1 | 67.5 | 67.6 | 68.7 |
| ≥ 2500 | 5.6 | 48.4 | 55.1 | 59.1 | 61.1 | 62.1 | 63.6 | 65.7 | 66.2 | 67.2 | 67.5 | 67.7 | 68.2 | 68.6 | 68.7 | 69.8 |
| ≥ 2000 | 5.6 | 48.8 | 55.6 | 59.6 | 61.6 | 62.6 | 64.1 | 66.2 | 66.7 | 67.7 | 68.0 | 68.2 | 68.7 | 69.1 | 69.2 | 70.3 |
| ≥ 1800 | 5.6 | 48.8 | 55.6 | 59.6 | 61.6 | 62.6 | 64.1 | 66.2 | 66.7 | 67.7 | 68.0 | 68.2 | 68.7 | 69.1 | 69.2 | 70.3 |
| ≥ 1600 | 5.6 | 49.2 | 56.3 | 60.3 | 62.3 | 63.3 | 64.8 | 66.9 | 67.4 | 68.4 | 68.7 | 68.9 | 69.4 | 69.8 | 69.9 | 71.0 |
| ≥ 1400 | 5.6 | 49.4 | 56.5 | 60.5 | 62.5 | 63.5 | 65.0 | 67.1 | 67.6 | 68.6 | 68.9 | 69.1 | 69.6 | 69.9 | 70.0 | 71.1 |
| ≥ 1200 | 5.6 | 49.8 | 57.1 | 61.1 | 63.1 | 64.1 | 65.6 | 67.7 | 68.2 | 69.2 | 69.5 | 69.7 | 70.2 | 70.6 | 70.7 | 71.8 |
| ≥ 1000 | 5.6 | 49.8 | 57.1 | 61.1 | 63.1 | 64.1 | 65.6 | 67.7 | 68.2 | 69.2 | 69.5 | 69.7 | 70.2 | 70.6 | 70.7 | 71.8 |
| ≥ 900 | 5.6 | 50.1 | 57.3 | 61.3 | 63.3 | 64.3 | 65.8 | 67.9 | 68.4 | 69.4 | 69.7 | 69.9 | 70.4 | 70.8 | 70.9 | 72.0 |
| ≥ 800 | 5.6 | 50.3 | 57.6 | 61.6 | 63.6 | 64.6 | 66.1 | 68.2 | 68.7 | 69.7 | 70.0 | 70.2 | 70.7 | 71.1 | 71.2 | 72.3 |
| ≥ 700 | 5.6 | 50.7 | 58.1 | 62.1 | 64.1 | 65.1 | 66.6 | 68.7 | 69.2 | 70.2 | 70.5 | 70.7 | 71.2 | 71.6 | 71.7 | 72.8 |
| ≥ 600 | 5.6 | 51.0 | 58.4 | 62.4 | 64.4 | 65.4 | 66.9 | 69.0 | 69.5 | 70.5 | 70.8 | 71.0 | 71.5 | 71.9 | 72.0 | 73.1 |
| ≥ 500 | 5.6 | 51.2 | 58.6 | 62.6 | 64.6 | 65.6 | 67.1 | 69.2 | 69.7 | 70.7 | 71.0 | 71.2 | 71.7 | 72.1 | 72.2 | 73.3 |
| ≥ 400 | 5.6 | 51.4 | 58.8 | 62.8 | 64.8 | 65.8 | 67.3 | 69.4 | 69.9 | 70.9 | 71.2 | 71.4 | 71.9 | 72.3 | 72.4 | 73.5 |
| ≥ 300 | 5.6 | 51.4 | 58.8 | 62.8 | 64.8 | 65.8 | 67.3 | 69.4 | 69.9 | 70.9 | 71.2 | 71.4 | 71.9 | 72.3 | 72.4 | 73.5 |
| ≥ 200 | 5.6 | 51.4 | 58.8 | 62.8 | 64.8 | 65.8 | 67.3 | 69.4 | 69.9 | 70.9 | 71.2 | 71.4 | 71.9 | 72.3 | 72.4 | 73.5 |
| ≥ 100 | 5.6 | 51.4 | 58.8 | 62.8 | 64.8 | 65.8 | 67.3 | 69.4 | 69.9 | 70.9 | 71.2 | 71.4 | 71.9 | 72.3 | 72.4 | 73.5 |
| ≥ 0 | 5.6 | 51.4 | 58.8 | 62.8 | 64.8 | 65.8 | 67.3 | 69.4 | 69.9 | 70.9 | 71.2 | 71.4 | 71.9 | 72.3 | 72.4 | 73.5 |

TOTAL NUMBER OF OBSERVATIONS 885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 6.4 | 40.4 | 43.7 | 44.8 | 46.5 | 47.2 | 47.6 | 48.0 | 48.1 | 48.2 | 48.3 | 48.3 | 48.5 | 48.5 | 48.5 | 48.8 |
| ≥ 20000 | 6.4 | 44.0 | 47.5 | 48.8 | 50.5 | 51.1 | 51.6 | 52.1 | 52.3 | 52.6 | 52.9 | 52.9 | 53.2 | 53.2 | 53.2 | 53.4 |
| ≥ 18000 | 6.4 | 44.1 | 47.6 | 48.9 | 50.6 | 51.2 | 51.7 | 52.3 | 52.4 | 52.7 | 53.0 | 53.0 | 53.3 | 53.3 | 53.3 | 53.5 |
| ≥ 16000 | 6.4 | 44.2 | 47.7 | 49.0 | 50.7 | 51.3 | 51.8 | 52.4 | 52.5 | 52.8 | 53.2 | 53.2 | 53.4 | 53.4 | 53.4 | 53.6 |
| ≥ 14000 | 6.4 | 44.6 | 48.1 | 49.3 | 51.0 | 51.7 | 52.1 | 52.7 | 52.8 | 53.2 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 54.0 |
| ≥ 12000 | 6.4 | 44.8 | 48.4 | 49.7 | 51.4 | 52.1 | 52.7 | 53.3 | 53.4 | 53.7 | 54.1 | 54.1 | 54.3 | 54.3 | 54.3 | 54.5 |
| ≥ 10000 | 6.4 | 46.3 | 50.6 | 52.0 | 54.3 | 55.2 | 55.6 | 56.4 | 56.7 | 57.1 | 57.4 | 57.4 | 57.7 | 57.7 | 57.8 | 58.0 |
| ≥ 9000 | 6.4 | 46.8 | 51.1 | 52.6 | 54.9 | 55.8 | 56.2 | 57.0 | 57.2 | 57.7 | 58.0 | 58.0 | 58.2 | 58.2 | 58.2 | 58.6 |
| ≥ 8000 | 6.7 | 49.2 | 53.7 | 55.8 | 58.0 | 58.9 | 59.3 | 60.8 | 60.7 | 61.2 | 61.5 | 61.5 | 61.7 | 61.9 | 61.9 | 62.1 |
| ≥ 7000 | 6.7 | 50.8 | 55.0 | 57.7 | 60.3 | 61.2 | 61.7 | 62.8 | 63.0 | 63.8 | 63.8 | 63.8 | 64.0 | 64.1 | 64.1 | 64.3 |
| ≥ 6000 | 6.7 | 51.2 | 56.1 | 58.0 | 60.6 | 61.6 | 62.2 | 63.2 | 63.4 | 63.9 | 64.2 | 64.2 | 64.4 | 64.6 | 64.6 | 64.8 |
| ≥ 5000 | 6.7 | 52.2 | 57.2 | 59.2 | 62.0 | 63.0 | 63.7 | 64.8 | 65.0 | 65.5 | 65.8 | 65.8 | 66.0 | 66.1 | 66.1 | 66.4 |
| ≥ 4500 | 6.7 | 52.8 | 57.9 | 59.9 | 62.6 | 63.7 | 64.3 | 65.5 | 65.8 | 66.3 | 66.6 | 66.6 | 66.8 | 66.9 | 66.9 | 67.2 |
| ≥ 4000 | 6.7 | 53.8 | 58.9 | 60.9 | 63.8 | 64.9 | 65.5 | 66.6 | 66.9 | 67.4 | 67.8 | 67.8 | 68.1 | 68.2 | 68.2 | 68.4 |
| ≥ 3500 | 6.7 | 54.6 | 59.7 | 61.7 | 64.6 | 65.6 | 66.3 | 67.4 | 67.7 | 68.2 | 68.6 | 68.6 | 68.8 | 69.0 | 69.0 | 69.2 |
| ≥ 3000 | 6.8 | 56.0 | 61.3 | 63.7 | 66.6 | 67.6 | 68.3 | 69.6 | 70.0 | 70.4 | 70.9 | 70.9 | 71.1 | 71.2 | 71.2 | 71.4 |
| ≥ 2500 | 6.9 | 56.4 | 62.3 | 64.7 | 67.6 | 68.6 | 69.3 | 70.9 | 71.2 | 71.7 | 72.1 | 72.1 | 72.3 | 72.5 | 72.5 | 72.7 |
| ≥ 2000 | 6.9 | 57.2 | 62.8 | 65.2 | 68.0 | 69.0 | 69.7 | 71.4 | 71.8 | 72.1 | 72.6 | 73.0 | 73.3 | 73.4 | 73.4 | 73.6 |
| ≥ 1800 | 6.9 | 57.2 | 62.8 | 65.2 | 68.0 | 69.0 | 69.7 | 71.4 | 71.8 | 72.1 | 72.6 | 73.0 | 73.3 | 73.4 | 73.4 | 73.6 |
| ≥ 1500 | 6.9 | 58.4 | 63.9 | 66.3 | 70.3 | 71.3 | 71.9 | 73.8 | 73.8 | 74.3 | 74.7 | 74.7 | 74.9 | 75.1 | 75.1 | 75.3 |
| ≥ 1200 | 6.9 | 58.6 | 64.3 | 66.6 | 70.6 | 71.6 | 72.2 | 74.2 | 74.2 | 74.8 | 74.9 | 75.4 | 75.6 | 75.7 | 75.7 | 76.0 |
| ≥ 1000 | 6.9 | 59.3 | 64.9 | 67.4 | 71.6 | 72.6 | 73.4 | 75.2 | 75.2 | 75.8 | 76.0 | 76.6 | 76.6 | 76.9 | 77.0 | 77.2 |
| ≥ 900 | 6.9 | 59.6 | 65.2 | 67.7 | 71.9 | 72.9 | 73.7 | 75.2 | 75.2 | 75.8 | 76.3 | 77.0 | 77.0 | 77.2 | 77.3 | 77.5 |
| ≥ 800 | 6.9 | 59.7 | 65.4 | 68.2 | 72.3 | 73.3 | 74.6 | 76.7 | 77.1 | 77.7 | 78.3 | 78.3 | 78.6 | 78.7 | 78.7 | 78.9 |
| ≥ 700 | 6.9 | 60.0 | 65.7 | 68.5 | 72.9 | 74.3 | 75.3 | 77.8 | 78.0 | 78.6 | 79.2 | 79.2 | 79.3 | 79.6 | 79.6 | 79.8 |
| ≥ 600 | 6.9 | 60.6 | 66.4 | 69.3 | 73.7 | 75.1 | 76.2 | 78.6 | 79.1 | 79.8 | 80.7 | 80.7 | 80.9 | 81.0 | 81.0 | 81.3 |
| ≥ 500 | 6.9 | 60.6 | 66.5 | 70.0 | 74.9 | 76.9 | 78.3 | 81.3 | 81.9 | 82.8 | 83.7 | 83.7 | 84.0 | 84.1 | 84.1 | 84.3 |
| ≥ 400 | 6.9 | 60.7 | 66.6 | 70.4 | 75.6 | 77.8 | 79.1 | 82.8 | 83.5 | 84.7 | 86.0 | 86.1 | 86.7 | 86.8 | 86.8 | 87.0 |
| ≥ 300 | 6.9 | 60.7 | 66.6 | 70.4 | 75.6 | 77.8 | 79.1 | 82.8 | 83.5 | 84.7 | 86.0 | 86.1 | 86.7 | 86.8 | 86.8 | 87.0 |
| ≥ 200 | 6.9 | 60.7 | 66.6 | 70.4 | 75.6 | 77.8 | 79.1 | 82.8 | 83.5 | 84.7 | 86.0 | 86.1 | 86.7 | 86.8 | 86.8 | 87.0 |
| ≥ 100 | 6.9 | 60.7 | 66.6 | 70.4 | 75.6 | 77.8 | 79.1 | 82.8 | 83.5 | 84.7 | 86.0 | 86.1 | 86.7 | 86.8 | 86.8 | 87.0 |
| ≥ 0 | 6.9 | 60.7 | 66.6 | 70.4 | 75.6 | 77.8 | 79.1 | 82.8 | 83.5 | 84.7 | 86.0 | 86.1 | 86.7 | 86.8 | 86.8 | 87.0 |

TOTAL NUMBER OF OBSERVATIONS 884

USAF ETAC FORM 0-10-6 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
SECTION NAME

69-70,73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 8.4 | 40.9 | 45.6 | 46.6 | 46.8 | 46.8 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| ≥ 20000 | 8.4 | 45.4 | 50.5 | 51.6 | 52.0 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 18000 | 8.4 | 45.4 | 50.5 | 51.6 | 52.0 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 16000 | 8.4 | 45.4 | 50.5 | 51.6 | 52.0 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 14000 | 8.4 | 45.4 | 50.5 | 51.6 | 52.0 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 12000 | 8.4 | 46.1 | 51.1 | 52.4 | 52.8 | 53.0 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 10000 | 8.9 | 48.8 | 54.4 | 55.9 | 56.6 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 9000 | 8.9 | 49.1 | 54.7 | 56.3 | 57.2 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 8000 | 8.9 | 51.7 | 57.8 | 59.7 | 60.6 | 60.6 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 7000 | 8.9 | 52.4 | 58.4 | 60.4 | 61.4 | 61.4 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 6000 | 8.9 | 53.0 | 59.2 | 61.5 | 62.5 | 62.7 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 5000 | 8.9 | 53.3 | 60.6 | 62.8 | 63.9 | 63.9 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 4500 | 8.9 | 54.8 | 60.9 | 63.2 | 64.2 | 64.4 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 4000 | 8.9 | 55.5 | 62.2 | 64.4 | 65.4 | 65.7 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 3500 | 9.0 | 56.2 | 63.0 | 65.2 | 66.2 | 66.4 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 3000 | 9.5 | 60.1 | 67.2 | 69.6 | 70.7 | 71.2 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 2500 | 9.6 | 61.4 | 68.6 | 71.3 | 72.6 | 72.9 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 2000 | 9.6 | 61.8 | 69.1 | 72.0 | 73.3 | 73.6 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 1800 | 9.6 | 61.9 | 69.3 | 72.1 | 73.5 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 1500 | 9.6 | 63.3 | 71.6 | 74.4 | 76.1 | 76.5 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 1200 | 9.6 | 64.3 | 72.4 | 75.2 | 77.0 | 77.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 1000 | 9.7 | 65.8 | 74.1 | 77.3 | 79.4 | 79.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 900 | 9.7 | 66.4 | 75.0 | 78.3 | 80.5 | 80.7 | 82.0 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 800 | 9.7 | 67.0 | 75.8 | 79.3 | 82.1 | 82.3 | 83.7 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 700 | 9.7 | 67.1 | 75.9 | 79.8 | 82.4 | 82.7 | 84.1 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 600 | 9.7 | 67.7 | 76.7 | 81.4 | 83.8 | 84.0 | 86.1 | 87.2 | 87.2 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 500 | 9.7 | 68.6 | 77.5 | 83.1 | 85.6 | 85.8 | 88.3 | 91.3 | 91.6 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 400 | 9.7 | 68.3 | 77.7 | 83.4 | 87.3 | 87.7 | 90.2 | 92.7 | 92.9 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 300 | 9.7 | 68.2 | 77.6 | 83.7 | 87.7 | 88.4 | 91.3 | 94.0 | 94.5 | 95.7 | 96.5 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 200 | 9.7 | 68.1 | 77.6 | 83.7 | 87.8 | 88.5 | 91.9 | 94.4 | 94.9 | 96.5 | 97.6 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 100 | 9.7 | 68.2 | 77.6 | 83.7 | 87.8 | 88.5 | 91.9 | 94.4 | 94.9 | 96.5 | 97.7 | 98.1 | 98.4 | 98.5 | 99.0 | 99.0 |
| ≥ 0 | 9.7 | 68.2 | 77.6 | 83.7 | 87.8 | 88.5 | 91.9 | 94.4 | 94.9 | 96.5 | 97.7 | 98.1 | 98.4 | 98.5 | 99.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS 888

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L&T)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 7.8 | 37.9 | 41.7 | 42.8 | 43.0 | 43.0 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| ≥ 20000 | 8.3 | 44.9 | 49.5 | 50.9 | 51.3 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 18000 | 8.3 | 45.2 | 49.9 | 51.3 | 51.8 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 16000 | 8.3 | 45.3 | 50.1 | 51.4 | 51.9 | 52.3 | 52.3 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 14000 | 8.3 | 45.6 | 50.5 | 52.0 | 52.5 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| ≥ 12000 | 8.6 | 46.0 | 50.9 | 52.3 | 52.8 | 53.2 | 53.2 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| ≥ 10000 | 8.6 | 47.9 | 53.6 | 55.4 | 55.9 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 9000 | 8.6 | 48.0 | 53.9 | 55.8 | 56.2 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 8000 | 8.7 | 50.5 | 57.4 | 59.4 | 59.9 | 60.3 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 7000 | 8.7 | 51.4 | 58.3 | 60.3 | 60.8 | 61.2 | 61.3 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 6000 | 8.7 | 51.5 | 58.6 | 60.9 | 61.3 | 61.8 | 61.9 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 5000 | 8.8 | 52.7 | 60.1 | 62.4 | 62.8 | 63.3 | 63.4 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 4500 | 9.2 | 53.2 | 60.7 | 62.9 | 63.4 | 63.9 | 64.0 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 4000 | 9.2 | 55.5 | 63.3 | 65.6 | 66.4 | 66.8 | 66.9 | 67.0 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 3500 | 9.5 | 56.4 | 64.2 | 66.9 | 67.5 | 68.0 | 68.1 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 3000 | 10.3 | 61.7 | 70.4 | 73.3 | 74.1 | 74.6 | 74.8 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 2500 | 10.1 | 64.3 | 73.1 | 76.3 | 77.1 | 77.5 | 77.8 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 2000 | 10.2 | 66.8 | 75.6 | 78.9 | 79.9 | 80.4 | 80.6 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 1800 | 10.1 | 66.8 | 75.6 | 78.9 | 79.9 | 80.4 | 80.6 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 1500 | 10.1 | 68.1 | 77.0 | 80.3 | 81.3 | 81.8 | 82.0 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 1200 | 10.1 | 69.4 | 78.3 | 81.8 | 82.9 | 83.4 | 83.6 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 1000 | 10.1 | 70.0 | 79.6 | 83.1 | 84.5 | 84.9 | 85.2 | 85.8 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 900 | 10.1 | 70.7 | 80.4 | 83.9 | 85.3 | 85.9 | 86.1 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 800 | 10.1 | 72.4 | 82.6 | 86.5 | 87.9 | 88.5 | 88.8 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 700 | 10.1 | 73.5 | 83.9 | 87.9 | 89.4 | 90.2 | 90.8 | 91.7 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 600 | 10.1 | 73.9 | 84.5 | 88.5 | 90.4 | 91.0 | 91.8 | 92.7 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 500 | 10.1 | 74.3 | 85.3 | 89.5 | 91.7 | 92.4 | 93.5 | 95.0 | 95.4 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 400 | 10.1 | 74.3 | 85.4 | 89.7 | 92.0 | 92.7 | 94.1 | 96.0 | 96.5 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 300 | 10.1 | 74.3 | 85.4 | 89.7 | 92.0 | 92.7 | 94.3 | 96.7 | 97.4 | 98.5 | 98.6 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | 10.1 | 74.3 | 85.4 | 89.7 | 92.0 | 92.7 | 94.3 | 96.7 | 97.4 | 98.5 | 98.6 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥ 100 | 10.1 | 74.3 | 85.4 | 89.7 | 92.0 | 92.7 | 94.3 | 96.7 | 97.4 | 98.5 | 98.6 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥ 0 | 10.1 | 74.3 | 85.4 | 89.7 | 92.0 | 92.7 | 94.3 | 96.7 | 97.4 | 98.5 | 98.6 | 99.0 | 99.1 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 6.8 | 39.5 | 43.6 | 44.8 | 45.3 | 45.3 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 |
| ≥ 20000 | 7.5 | 46.3 | 51.5 | 53.0 | 53.7 | 53.7 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 18000 | 7.5 | 47.0 | 52.1 | 53.7 | 54.4 | 54.4 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| IV 16500 | 7.7 | 47.1 | 52.3 | 53.8 | 54.5 | 54.5 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| IV 14000 | 7.7 | 47.2 | 52.7 | 54.4 | 55.1 | 55.1 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| IV 12000 | 7.8 | 47.6 | 53.2 | 54.8 | 55.5 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 10000 | 8.0 | 49.1 | 55.0 | 57.0 | 57.7 | 57.7 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| IV 9000 | 8.0 | 49.4 | 55.5 | 57.5 | 58.2 | 58.2 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| IV 8000 | 8.0 | 52.4 | 59.0 | 61.0 | 61.7 | 61.7 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| IV 7000 | 8.0 | 52.7 | 59.6 | 61.6 | 62.3 | 62.3 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| IV 6000 | 8.1 | 53.0 | 59.9 | 62.2 | 62.8 | 62.8 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| IV 5000 | 8.2 | 54.7 | 61.8 | 64.2 | 64.9 | 64.9 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| IV 4500 | 8.9 | 55.6 | 62.7 | 65.1 | 65.8 | 65.8 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 4000 | 8.9 | 57.7 | 64.9 | 67.9 | 68.8 | 69.0 | 69.8 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| IV 3500 | 8.9 | 59.1 | 66.3 | 69.4 | 70.3 | 70.5 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| IV 3000 | 9.1 | 64.2 | 72.1 | 75.2 | 76.7 | 77.0 | 78.2 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| IV 2500 | 9.1 | 65.1 | 73.3 | 76.6 | 78.0 | 78.4 | 79.5 | 80.0 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| IV 2000 | 9.1 | 66.0 | 74.7 | 77.9 | 79.8 | 80.2 | 81.3 | 81.9 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| IV 1800 | 9.1 | 66.0 | 74.7 | 77.9 | 79.8 | 80.2 | 81.3 | 81.9 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| IV 1500 | 9.1 | 67.3 | 76.0 | 79.3 | 81.2 | 81.5 | 82.7 | 83.3 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| IV 1200 | 9.1 | 68.2 | 76.9 | 80.2 | 82.1 | 82.4 | 83.6 | 84.2 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV 1000 | 9.1 | 69.1 | 78.3 | 81.5 | 83.7 | 84.2 | 85.4 | 86.0 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| IV 900 | 9.1 | 69.3 | 78.5 | 81.8 | 83.9 | 84.6 | 85.7 | 86.4 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| IV 800 | 9.1 | 70.3 | 79.5 | 82.9 | 85.1 | 85.8 | 86.9 | 87.6 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| IV 700 | 9.1 | 70.7 | 80.2 | 83.9 | 86.4 | 87.0 | 88.3 | 89.1 | 89.4 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| IV 600 | 9.1 | 71.1 | 80.6 | 84.3 | 86.9 | 87.6 | 89.3 | 90.2 | 90.5 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| IV 500 | 9.1 | 71.6 | 81.3 | 85.5 | 88.5 | 89.4 | 91.1 | 92.2 | 92.6 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 400 | 9.1 | 71.8 | 81.8 | 86.1 | 89.5 | 90.5 | 92.5 | 94.1 | 94.5 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 300 | 9.1 | 71.8 | 81.8 | 86.1 | 89.5 | 90.5 | 92.5 | 94.1 | 94.5 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 200 | 9.1 | 71.8 | 81.8 | 86.1 | 89.6 | 91.0 | 93.1 | 95.6 | 96.2 | 97.7 | 98.6 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 |
| IV 100 | 9.1 | 71.8 | 81.8 | 86.1 | 89.6 | 91.0 | 93.1 | 95.6 | 96.2 | 97.7 | 98.6 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 |
| IV 0 | 9.1 | 71.8 | 81.8 | 86.1 | 89.6 | 91.0 | 93.1 | 95.6 | 96.2 | 97.7 | 98.6 | 99.3 | 99.4 | 99.5 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920 BRUNSWICK NAS ME

69-70,73-80

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 7.0 | 40.5 | 43.2 | 45.2 | 45.7 | 46.1 | 46.4 | 46.5 | 46.5 | 46.6 | 46.6 | 46.6 | 46.6 | 46.8 | 46.8 | 46.8 |
| ≥ 18000 | 7.4 | 46.1 | 49.6 | 51.8 | 52.6 | 52.9 | 53.2 | 53.5 | 53.5 | 53.6 | 53.6 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 16000 | 7.4 | 46.6 | 50.4 | 52.6 | 53.4 | 53.7 | 54.0 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 |
| ≥ 14000 | 7.4 | 47.1 | 51.1 | 53.2 | 54.2 | 54.5 | 54.8 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 12000 | 7.5 | 48.2 | 52.3 | 54.6 | 55.6 | 56.0 | 56.4 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 10000 | 7.8 | 50.1 | 54.5 | 57.1 | 58.2 | 58.5 | 59.1 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 9000 | 7.8 | 50.3 | 55.0 | 57.6 | 58.6 | 59.0 | 59.5 | 59.7 | 59.7 | 59.9 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 8000 | 7.8 | 53.2 | 58.8 | 61.7 | 62.7 | 63.1 | 63.6 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 7000 | 7.8 | 53.7 | 59.4 | 62.3 | 63.3 | 63.6 | 64.2 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 6000 | 7.8 | 54.8 | 60.7 | 63.6 | 64.7 | 65.0 | 65.6 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 5000 | 7.8 | 56.7 | 62.5 | 65.6 | 66.6 | 66.9 | 67.5 | 67.7 | 67.7 | 68.1 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 4500 | 7.8 | 56.9 | 62.8 | 65.9 | 66.9 | 67.3 | 67.8 | 68.1 | 68.1 | 68.4 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 4000 | 7.9 | 58.7 | 64.8 | 68.0 | 69.0 | 69.4 | 70.1 | 70.4 | 70.4 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 3500 | 7.9 | 59.6 | 65.8 | 69.2 | 70.2 | 70.7 | 71.4 | 71.6 | 71.6 | 71.9 | 71.9 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 3000 | 7.9 | 63.3 | 70.2 | 73.7 | 74.7 | 75.1 | 76.2 | 76.4 | 76.4 | 76.7 | 76.7 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 2500 | 8.1 | 65.2 | 72.3 | 76.1 | 77.1 | 77.5 | 78.6 | 78.8 | 78.8 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 2000 | 8.1 | 66.4 | 73.5 | 77.5 | 78.7 | 79.1 | 80.2 | 80.4 | 80.4 | 80.7 | 80.7 | 80.7 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 1800 | 8.1 | 66.5 | 73.7 | 77.7 | 78.8 | 79.2 | 80.3 | 80.5 | 80.5 | 80.8 | 80.8 | 80.8 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 1500 | 8.1 | 67.4 | 74.6 | 78.7 | 80.0 | 80.5 | 81.5 | 81.8 | 81.8 | 82.2 | 82.2 | 82.2 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 1200 | 8.1 | 67.7 | 75.0 | 79.1 | 80.5 | 81.0 | 82.0 | 82.2 | 82.2 | 82.7 | 82.7 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 1000 | 8.1 | 68.4 | 75.8 | 80.3 | 82.0 | 82.6 | 83.7 | 83.9 | 83.9 | 84.4 | 84.4 | 84.4 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 900 | 8.1 | 68.5 | 75.9 | 80.4 | 82.1 | 82.7 | 83.8 | 84.0 | 84.0 | 84.5 | 84.5 | 84.5 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 800 | 8.1 | 69.0 | 76.9 | 81.6 | 83.6 | 84.2 | 85.4 | 85.6 | 85.7 | 86.2 | 86.4 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 700 | 8.1 | 69.0 | 77.0 | 82.0 | 84.2 | 84.7 | 86.2 | 86.5 | 86.7 | 87.1 | 87.3 | 87.3 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 600 | 8.1 | 69.4 | 77.8 | 82.8 | 85.1 | 85.7 | 87.5 | 87.9 | 88.0 | 88.6 | 88.8 | 88.8 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 500 | 8.1 | 69.6 | 78.1 | 83.2 | 85.7 | 86.8 | 88.6 | 89.1 | 89.2 | 90.2 | 90.6 | 90.8 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 400 | 8.1 | 69.6 | 78.2 | 83.5 | 86.1 | 87.2 | 89.3 | 89.9 | 90.0 | 91.0 | 91.8 | 92.0 | 92.4 | 92.5 | 92.5 | 92.5 |
| ≥ 300 | 8.1 | 69.6 | 78.3 | 83.7 | 86.5 | 87.8 | 90.1 | 90.8 | 91.0 | 92.4 | 93.6 | 93.8 | 94.5 | 94.9 | 95.0 | 95.0 |
| ≥ 200 | 8.1 | 69.6 | 78.3 | 83.7 | 86.5 | 88.0 | 90.5 | 91.6 | 91.9 | 93.4 | 95.0 | 95.6 | 96.4 | 97.0 | 97.4 | 97.5 |
| ≥ 100 | 8.1 | 69.6 | 78.3 | 83.7 | 86.5 | 88.0 | 90.5 | 91.6 | 91.9 | 93.4 | 95.0 | 95.6 | 96.4 | 97.0 | 97.4 | 97.5 |
| ≥ 0 | 8.1 | 69.6 | 78.3 | 83.7 | 86.5 | 88.0 | 90.5 | 91.6 | 91.9 | 93.4 | 95.0 | 95.6 | 96.4 | 97.0 | 97.4 | 97.5 |

TOTAL NUMBER OF OBSERVATIONS 877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | 25/16 | 2½ |
| NO CEILING | 8.1 | 41.1 | 44.2 | 45.8 | 47.0 | 47.4 | 47.9 | 48.7 | 48.7 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.0 |
| ≥ 20000 | 8.1 | 44.9 | 49.6 | 51.6 | 52.9 | 53.4 | 53.9 | 54.7 | 54.7 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 |
| ≥ 18000 | 8.1 | 44.9 | 49.6 | 51.6 | 52.9 | 53.4 | 53.9 | 54.7 | 54.7 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 |
| ≥ 16000 | 8.1 | 44.9 | 49.6 | 51.6 | 52.9 | 53.4 | 53.9 | 54.7 | 54.7 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 |
| ≥ 14000 | 8.1 | 45.4 | 50.0 | 52.0 | 53.4 | 53.8 | 54.4 | 55.2 | 55.2 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.6 |
| ≥ 12000 | 8.1 | 46.3 | 51.1 | 53.3 | 54.6 | 55.1 | 55.7 | 56.5 | 56.5 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 |
| ≥ 10000 | 8.3 | 48.2 | 53.4 | 55.5 | 57.0 | 57.4 | 58.2 | 59.1 | 59.1 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.6 |
| ≥ 9000 | 8.3 | 48.4 | 53.6 | 55.7 | 57.2 | 57.6 | 58.4 | 59.3 | 59.3 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.8 |
| ≥ 8000 | 8.3 | 50.6 | 56.0 | 58.3 | 59.8 | 60.2 | 61.0 | 61.9 | 61.9 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.4 |
| ≥ 7000 | 8.3 | 51.8 | 57.2 | 59.6 | 61.0 | 61.5 | 62.2 | 63.1 | 63.1 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.6 |
| ≥ 6000 | 8.3 | 52.7 | 58.3 | 60.7 | 62.2 | 62.7 | 63.6 | 64.5 | 64.5 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 |
| ≥ 5000 | 8.3 | 53.8 | 59.6 | 62.0 | 63.6 | 64.0 | 64.9 | 65.8 | 65.8 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 |
| ≥ 4500 | 8.3 | 54.3 | 60.0 | 62.5 | 64.0 | 64.5 | 65.4 | 66.3 | 66.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.9 |
| ≥ 4000 | 8.3 | 55.5 | 61.6 | 64.3 | 65.8 | 66.3 | 67.2 | 68.1 | 68.1 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.7 |
| ≥ 3500 | 8.3 | 56.7 | 62.8 | 65.7 | 67.6 | 68.1 | 69.0 | 69.9 | 69.9 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 |
| ≥ 3000 | 8.4 | 60.2 | 66.6 | 69.7 | 71.6 | 72.1 | 73.5 | 74.3 | 74.3 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 |
| ≥ 2500 | 8.4 | 60.4 | 66.9 | 70.0 | 72.2 | 72.8 | 74.2 | 75.1 | 75.1 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 |
| ≥ 2000 | 8.4 | 61.3 | 67.9 | 71.0 | 73.3 | 73.8 | 75.2 | 76.2 | 76.2 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 |
| ≥ 1800 | 8.4 | 61.3 | 67.9 | 71.0 | 73.3 | 73.8 | 75.2 | 76.2 | 76.2 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 |
| ≥ 1500 | 8.4 | 61.9 | 68.2 | 71.5 | 73.8 | 74.4 | 75.7 | 76.7 | 76.7 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 |
| ≥ 1200 | 8.4 | 61.7 | 68.7 | 72.1 | 74.5 | 75.1 | 76.5 | 77.6 | 77.6 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.2 |
| ≥ 1000 | 8.4 | 62.2 | 69.6 | 73.6 | 76.0 | 76.5 | 78.2 | 79.4 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 |
| ≥ 900 | 8.4 | 62.7 | 70.0 | 74.2 | 76.5 | 77.1 | 78.8 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 81.0 |
| ≥ 800 | 8.4 | 63.1 | 71.0 | 75.2 | 77.8 | 78.3 | 80.0 | 81.2 | 81.2 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.4 |
| ≥ 700 | 8.4 | 63.4 | 71.5 | 75.7 | 78.5 | 79.1 | 80.9 | 82.2 | 82.2 | 83.1 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 |
| ≥ 600 | 8.4 | 63.4 | 71.5 | 76.2 | 79.1 | 80.2 | 82.0 | 83.4 | 83.4 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 |
| ≥ 500 | 8.4 | 63.8 | 72.0 | 77.2 | 80.2 | 81.3 | 83.1 | 84.8 | 84.8 | 85.8 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 |
| ≥ 400 | 8.4 | 64.2 | 72.7 | 78.0 | 81.1 | 82.4 | 84.7 | 86.7 | 86.7 | 88.0 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.8 |
| ≥ 300 | 8.4 | 64.2 | 72.7 | 78.0 | 81.1 | 82.4 | 85.1 | 87.6 | 87.6 | 89.1 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 90.4 |
| ≥ 200 | 8.4 | 64.2 | 72.7 | 78.0 | 81.2 | 82.5 | 85.6 | 88.8 | 88.8 | 90.8 | 91.3 | 91.6 | 92.4 | 92.8 | 93.3 | 93.7 |
| ≥ 100 | 8.4 | 64.2 | 72.7 | 78.0 | 81.2 | 82.5 | 85.6 | 88.8 | 89.3 | 91.0 | 91.7 | 91.9 | 93.1 | 94.6 | 95.6 | 97.8 |
| ≥ 0 | 8.4 | 64.2 | 72.7 | 78.1 | 81.3 | 82.6 | 85.7 | 88.9 | 89.4 | 91.1 | 91.8 | 92.0 | 93.3 | 94.7 | 95.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 890

USAF ETAC FORM 0-16-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 7.0 | 39.1 | 42.7 | 44.2 | 45.0 | 45.3 | 45.8 | 46.2 | 46.3 | 46.6 | 46.6 | 46.6 | 46.7 | 46.8 | 46.8 | 47.0 |
| ≥ 20000 | 7.2 | 43.6 | 48.0 | 49.7 | 50.7 | 51.2 | 51.7 | 52.2 | 52.3 | 52.6 | 52.7 | 52.7 | 52.8 | 52.9 | 52.9 | 53.1 |
| ≥ 18000 | 7.2 | 43.6 | 48.2 | 50.0 | 51.0 | 51.4 | 51.9 | 52.4 | 52.5 | 52.8 | 52.9 | 53.0 | 53.1 | 53.1 | 53.1 | 53.3 |
| ≥ 16000 | 7.3 | 43.9 | 48.3 | 50.0 | 51.1 | 51.5 | 52.0 | 52.5 | 52.6 | 52.9 | 53.0 | 53.0 | 53.1 | 53.2 | 53.2 | 53.4 |
| ≥ 14000 | 7.3 | 44.2 | 48.7 | 50.5 | 51.6 | 52.0 | 52.5 | 53.0 | 53.1 | 53.4 | 53.5 | 53.5 | 53.6 | 53.7 | 53.7 | 53.9 |
| ≥ 12000 | 7.3 | 44.6 | 49.4 | 51.3 | 52.3 | 52.8 | 53.3 | 53.8 | 53.9 | 54.2 | 54.3 | 54.3 | 54.4 | 54.5 | 54.5 | 54.7 |
| ≥ 10000 | 7.5 | 46.8 | 51.9 | 54.0 | 55.2 | 55.7 | 56.3 | 56.8 | 56.9 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.6 | 57.8 |
| ≥ 9000 | 7.5 | 47.1 | 52.4 | 54.8 | 55.7 | 56.1 | 56.7 | 57.2 | 57.3 | 57.7 | 57.8 | 57.8 | 57.9 | 58.0 | 58.0 | 58.2 |
| ≥ 8000 | 7.5 | 49.7 | 55.4 | 57.8 | 59.1 | 59.5 | 60.2 | 60.9 | 60.9 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.6 | 61.8 |
| ≥ 7000 | 7.6 | 50.8 | 56.5 | 59.0 | 60.3 | 60.7 | 61.4 | 62.0 | 62.1 | 62.5 | 62.5 | 62.6 | 62.7 | 62.8 | 62.8 | 63.0 |
| ≥ 6000 | 7.6 | 51.4 | 57.2 | 59.8 | 61.1 | 61.6 | 62.3 | 62.9 | 63.0 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.7 | 63.9 |
| ≥ 5000 | 7.6 | 52.7 | 58.7 | 61.3 | 62.6 | 63.1 | 63.8 | 64.3 | 64.4 | 64.9 | 65.1 | 65.1 | 65.2 | 65.3 | 65.3 | 65.5 |
| ≥ 4500 | 7.8 | 53.1 | 59.1 | 61.8 | 63.1 | 63.6 | 64.3 | 65.0 | 65.1 | 65.5 | 65.6 | 65.6 | 65.7 | 65.8 | 65.8 | 66.0 |
| ≥ 4000 | 7.8 | 54.4 | 60.9 | 63.7 | 65.1 | 65.6 | 66.3 | 67.1 | 67.2 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.0 | 68.2 |
| ≥ 3500 | 7.9 | 55.5 | 61.8 | 64.7 | 66.2 | 66.7 | 67.5 | 68.2 | 68.3 | 68.7 | 68.9 | 68.9 | 69.0 | 69.1 | 69.1 | 69.3 |
| ≥ 3000 | 8.1 | 58.8 | 65.6 | 68.7 | 70.4 | 71.0 | 72.0 | 72.7 | 72.9 | 73.3 | 73.4 | 73.4 | 73.6 | 73.6 | 73.7 | 73.9 |
| ≥ 2500 | 8.2 | 60.0 | 66.9 | 70.1 | 72.0 | 72.5 | 73.5 | 74.3 | 74.8 | 74.9 | 75.0 | 75.0 | 75.1 | 75.2 | 75.2 | 75.4 |
| ≥ 2000 | 8.2 | 60.7 | 67.9 | 71.2 | 73.3 | 73.8 | 74.9 | 75.7 | 75.9 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.7 | 76.9 |
| ≥ 1800 | 8.2 | 60.9 | 67.9 | 71.2 | 73.3 | 73.9 | 75.0 | 75.8 | 75.9 | 76.3 | 76.5 | 76.5 | 76.6 | 76.7 | 76.7 | 76.9 |
| ≥ 1500 | 8.2 | 61.9 | 69.1 | 72.5 | 74.7 | 75.2 | 76.3 | 77.2 | 77.3 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.2 | 78.4 |
| ≥ 1200 | 8.2 | 62.4 | 69.7 | 73.2 | 75.4 | 76.0 | 77.2 | 78.0 | 78.2 | 78.6 | 78.8 | 78.8 | 79.0 | 79.0 | 79.1 | 79.3 |
| ≥ 1000 | 8.2 | 63.1 | 70.7 | 74.1 | 76.8 | 77.4 | 78.7 | 79.4 | 79.8 | 80.3 | 80.5 | 80.5 | 80.6 | 80.7 | 80.7 | 80.9 |
| ≥ 900 | 8.2 | 63.4 | 71.1 | 74.8 | 77.3 | 77.9 | 79.2 | 80.2 | 80.4 | 80.9 | 81.1 | 81.2 | 81.3 | 81.4 | 81.4 | 81.6 |
| ≥ 800 | 8.2 | 64.7 | 72.0 | 75.9 | 78.9 | 79.2 | 80.8 | 81.7 | 81.9 | 82.5 | 82.7 | 82.7 | 82.9 | 83.0 | 83.0 | 83.2 |
| ≥ 700 | 8.2 | 64.4 | 72.4 | 76.8 | 79.4 | 80.0 | 81.5 | 82.7 | 83.0 | 83.6 | 83.9 | 83.9 | 84.1 | 84.1 | 84.2 | 84.4 |
| ≥ 600 | 8.2 | 64.7 | 72.9 | 77.3 | 80.2 | 81.0 | 82.7 | 84.0 | 84.3 | 85.0 | 85.3 | 85.3 | 85.4 | 85.5 | 85.5 | 85.8 |
| ≥ 500 | 8.2 | 65.0 | 73.3 | 78.2 | 81.4 | 82.4 | 84.3 | 86.1 | 86.4 | 87.4 | 87.7 | 87.8 | 88.0 | 88.0 | 88.1 | 88.3 |
| ≥ 400 | 8.2 | 65.1 | 73.4 | 78.8 | 82.1 | 83.1 | 85.1 | 87.4 | 87.8 | 88.9 | 89.5 | 89.6 | 89.9 | 90.0 | 90.0 | 90.3 |
| ≥ 300 | 8.2 | 65.2 | 73.7 | 79.4 | 82.3 | 83.4 | 85.8 | 88.8 | 88.9 | 90.4 | 91.3 | 91.5 | 92.1 | 92.3 | 92.3 | 92.6 |
| ≥ 200 | 8.2 | 65.2 | 73.7 | 79.4 | 82.3 | 83.4 | 85.8 | 88.8 | 88.9 | 91.8 | 92.9 | 93.1 | 94.1 | 94.6 | 94.9 | 95.1 |
| ≥ 100 | 8.2 | 65.2 | 73.7 | 79.4 | 82.3 | 83.4 | 85.8 | 88.8 | 88.9 | 91.9 | 93.1 | 93.5 | 94.4 | 95.4 | 96.2 | 98.1 |
| ≥ 0 | 8.2 | 65.2 | 73.7 | 79.4 | 82.3 | 83.4 | 85.8 | 88.8 | 88.9 | 91.9 | 93.1 | 93.5 | 94.4 | 95.5 | 96.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7077

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70, 73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
hours (LST)

| CEILING (FEET) | VISIBILITY STATUTE MILES: | | | | | | | | | | | | | | | |
|-------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 4.8 | 38.3 | 42.0 | 43.8 | 45.7 | 45.8 | 46.6 | 47.8 | 48.1 | 48.5 | 48.9 | 49.1 | 49.2 | 49.4 | 49.5 | 50.2 |
| ≥ 20000 | 4.9 | 40.7 | 44.9 | 46.9 | 49.4 | 49.6 | 50.8 | 51.8 | 52.1 | 52.8 | 53.1 | 53.3 | 53.4 | 53.7 | 53.8 | 54.4 |
| ≥ 18000 | 4.9 | 40.7 | 44.9 | 46.9 | 49.4 | 49.6 | 50.8 | 51.8 | 52.1 | 52.8 | 53.1 | 53.3 | 53.4 | 53.7 | 53.8 | 54.4 |
| ≥ 16000 | 4.9 | 40.7 | 44.9 | 46.9 | 49.4 | 49.6 | 50.8 | 51.8 | 52.1 | 52.8 | 53.1 | 53.3 | 53.4 | 53.7 | 53.8 | 54.4 |
| ≥ 14000 | 4.9 | 40.7 | 44.9 | 46.9 | 49.4 | 49.6 | 50.8 | 51.8 | 52.1 | 52.8 | 53.1 | 53.3 | 53.4 | 53.7 | 53.8 | 54.4 |
| ≥ 12000 | 4.9 | 41.7 | 46.1 | 48.1 | 50.7 | 50.9 | 51.8 | 53.1 | 53.4 | 54.1 | 54.4 | 54.6 | 54.7 | 55.0 | 55.1 | 56.7 |
| ≥ 10000 | 5.0 | 45.4 | 50.2 | 52.3 | 55.7 | 56.1 | 56.9 | 58.2 | 58.6 | 59.2 | 59.5 | 59.8 | 59.9 | 60.1 | 60.2 | 60.9 |
| ≥ 9000 | 5.0 | 45.8 | 50.6 | 52.8 | 56.2 | 56.5 | 57.4 | 58.7 | 59.0 | 59.7 | 60.0 | 60.2 | 60.3 | 60.5 | 60.6 | 61.3 |
| ≥ 8000 | 5.0 | 47.4 | 52.8 | 55.2 | 58.9 | 59.2 | 60.4 | 61.8 | 62.2 | 62.8 | 63.4 | 63.6 | 63.7 | 63.9 | 64.0 | 64.7 |
| ≥ 7000 | 5.0 | 48.7 | 54.3 | 56.9 | 60.9 | 61.2 | 62.5 | 63.9 | 64.2 | 64.9 | 65.4 | 65.6 | 65.8 | 66.0 | 66.1 | 66.7 |
| ≥ 6000 | 5.0 | 49.3 | 55.0 | 57.6 | 61.8 | 61.8 | 63.1 | 64.6 | 64.9 | 65.5 | 66.1 | 66.3 | 66.4 | 66.6 | 66.7 | 67.4 |
| ≥ 5000 | 5.0 | 49.7 | 55.7 | 58.3 | 62.4 | 62.7 | 64.0 | 65.4 | 65.8 | 66.4 | 67.0 | 67.2 | 67.3 | 67.5 | 67.6 | 68.3 |
| ≥ 4500 | 5.0 | 50.1 | 56.2 | 58.9 | 62.9 | 63.2 | 64.6 | 66.0 | 66.3 | 67.1 | 67.6 | 67.8 | 67.9 | 68.2 | 68.3 | 69.0 |
| ≥ 4000 | 5.0 | 51.3 | 57.6 | 60.4 | 64.7 | 65.1 | 66.7 | 68.3 | 68.6 | 69.4 | 69.9 | 70.1 | 70.2 | 70.4 | 70.6 | 71.2 |
| ≥ 3500 | 5.0 | 51.8 | 58.1 | 61.0 | 65.2 | 65.6 | 67.3 | 68.8 | 69.1 | 69.9 | 70.4 | 70.7 | 70.8 | 71.0 | 71.1 | 71.8 |
| ≥ 3000 | 5.0 | 53.0 | 59.7 | 63.0 | 67.6 | 68.0 | 69.8 | 71.3 | 71.6 | 72.5 | 73.2 | 73.4 | 73.5 | 73.7 | 73.8 | 74.5 |
| ≥ 2500 | 5.0 | 53.2 | 60.0 | 63.9 | 68.3 | 68.7 | 70.6 | 72.3 | 72.6 | 73.5 | 74.2 | 74.4 | 74.5 | 74.7 | 74.8 | 75.5 |
| ≥ 2000 | 5.0 | 53.7 | 60.5 | 64.1 | 68.9 | 69.4 | 71.4 | 73.2 | 73.5 | 74.4 | 75.0 | 75.2 | 75.4 | 75.6 | 75.7 | 76.3 |
| ≥ 1800 | 5.0 | 53.7 | 60.5 | 64.1 | 68.9 | 69.4 | 71.4 | 73.2 | 73.5 | 74.4 | 75.0 | 75.2 | 75.4 | 75.6 | 75.7 | 76.3 |
| ≥ 1500 | 5.0 | 54.0 | 61.0 | 64.6 | 69.5 | 69.9 | 72.3 | 74.2 | 74.5 | 75.5 | 76.1 | 76.3 | 76.4 | 76.7 | 76.8 | 77.4 |
| ≥ 1200 | 5.0 | 54.2 | 61.5 | 65.2 | 70.1 | 70.6 | 73.0 | 74.8 | 75.1 | 76.1 | 76.8 | 77.0 | 77.1 | 77.3 | 77.4 | 78.1 |
| ≥ 1000 | 5.0 | 54.2 | 61.5 | 65.2 | 70.1 | 70.7 | 73.2 | 75.0 | 75.4 | 76.6 | 77.2 | 77.4 | 77.5 | 77.8 | 77.9 | 78.5 |
| ≥ 900 | 5.0 | 54.2 | 61.7 | 65.4 | 70.3 | 70.9 | 73.4 | 75.4 | 75.7 | 76.9 | 77.6 | 78.0 | 78.1 | 78.3 | 78.4 | 79.1 |
| ≥ 800 | 5.0 | 54.5 | 62.3 | 66.1 | 71.1 | 71.8 | 74.3 | 76.2 | 76.6 | 77.8 | 78.6 | 79.0 | 79.2 | 79.3 | 79.4 | 80.0 |
| ≥ 700 | 5.0 | 54.5 | 62.5 | 66.4 | 71.8 | 72.4 | 74.9 | 76.9 | 77.2 | 78.5 | 79.4 | 79.6 | 79.7 | 79.9 | 80.0 | 80.7 |
| ≥ 600 | 5.0 | 54.7 | 62.7 | 66.7 | 72.2 | 72.8 | 75.4 | 77.3 | 77.6 | 79.0 | 79.8 | 80.0 | 80.2 | 80.4 | 80.5 | 81.1 |
| ≥ 500 | 5.0 | 54.9 | 62.9 | 67.7 | 73.4 | 74.2 | 76.9 | 79.0 | 79.3 | 80.8 | 81.8 | 82.1 | 82.2 | 82.4 | 82.6 | 83.2 |
| ≥ 400 | 5.0 | 54.9 | 62.9 | 67.8 | 74.4 | 75.1 | 78.5 | 81.0 | 81.5 | 83.9 | 85.3 | 85.6 | 86.2 | 86.4 | 86.5 | 87.1 |
| ≥ 300 | 5.0 | 54.9 | 62.9 | 67.8 | 74.5 | 75.2 | 78.6 | 81.6 | 82.1 | 85.2 | 87.0 | 87.5 | 88.7 | 89.2 | 89.3 | 90.0 |
| ≥ 200 | 5.0 | 54.9 | 62.9 | 67.8 | 74.5 | 75.2 | 78.6 | 81.6 | 82.3 | 85.5 | 87.6 | 88.8 | 90.4 | 92.5 | 93.1 | 95.6 |
| ≥ 100 | 5.0 | 54.9 | 62.9 | 67.8 | 74.5 | 75.2 | 78.6 | 81.6 | 82.3 | 85.5 | 87.6 | 88.8 | 90.4 | 92.6 | 93.3 | 98.0 |
| ≥ 0 | 5.0 | 54.9 | 62.9 | 67.8 | 74.5 | 75.2 | 78.6 | 81.6 | 82.3 | 85.5 | 87.6 | 88.8 | 90.4 | 92.6 | 93.3 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/10 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 4.5 | 31.4 | 34.0 | 36.6 | 38.2 | 38.8 | 39.6 | 40.8 | 41.0 | 42.8 | 43.0 | 43.1 | 43.4 | 43.7 | 43.9 | 44.5 |
| ≥ 20000 | 4.5 | 34.6 | 38.0 | 40.9 | 42.8 | 43.2 | 44.2 | 45.2 | 46.0 | 47.6 | 48.5 | 48.6 | 48.9 | 49.2 | 49.5 | 50.1 |
| ≥ 18000 | 4.5 | 34.7 | 38.1 | 41.0 | 42.9 | 43.3 | 44.4 | 45.3 | 46.1 | 47.7 | 48.6 | 48.7 | 49.0 | 49.3 | 49.6 | 50.2 |
| ≥ 16000 | 4.5 | 34.7 | 38.1 | 41.0 | 42.9 | 43.3 | 44.4 | 45.3 | 46.1 | 47.7 | 48.6 | 48.7 | 49.0 | 49.3 | 49.6 | 50.2 |
| ≥ 14000 | 4.5 | 35.2 | 38.5 | 41.4 | 43.4 | 43.9 | 45.0 | 45.9 | 46.6 | 48.3 | 49.1 | 49.2 | 49.6 | 49.9 | 50.1 | 50.8 |
| ≥ 12000 | 4.5 | 36.0 | 39.5 | 42.8 | 44.8 | 45.2 | 46.5 | 47.4 | 48.2 | 49.9 | 50.8 | 50.9 | 51.2 | 51.5 | 51.7 | 52.4 |
| ≥ 10000 | 5.0 | 40.1 | 43.8 | 47.2 | 49.3 | 49.8 | 51.2 | 52.3 | 53.3 | 55.0 | 55.9 | 56.0 | 56.3 | 56.7 | 56.9 | 57.5 |
| ≥ 9000 | 5.0 | 40.5 | 44.3 | 47.7 | 49.9 | 50.3 | 51.7 | 52.8 | 53.8 | 55.6 | 56.5 | 56.6 | 56.9 | 57.2 | 57.4 | 58.1 |
| ≥ 8000 | 5.0 | 43.1 | 47.3 | 51.1 | 53.8 | 54.6 | 55.8 | 57.2 | 58.2 | 59.9 | 60.9 | 61.0 | 61.3 | 61.8 | 62.0 | 62.7 |
| ≥ 7000 | 5.0 | 43.4 | 47.8 | 51.7 | 54.3 | 55.0 | 56.7 | 58.1 | 59.1 | 60.9 | 61.9 | 62.0 | 62.4 | 62.8 | 63.0 | 63.6 |
| ≥ 6000 | 5.0 | 43.9 | 48.4 | 52.3 | 54.8 | 55.3 | 57.2 | 58.6 | 59.6 | 61.3 | 62.4 | 62.6 | 63.0 | 63.3 | 63.8 | 64.2 |
| ≥ 5000 | 5.0 | 44.5 | 49.2 | 53.4 | 55.9 | 56.4 | 58.3 | 59.8 | 60.8 | 62.7 | 63.6 | 63.8 | 64.2 | 64.5 | 64.7 | 65.4 |
| ≥ 4500 | 5.0 | 44.7 | 49.3 | 53.5 | 56.0 | 56.6 | 58.4 | 59.9 | 60.9 | 62.8 | 63.8 | 63.9 | 64.3 | 64.6 | 64.8 | 65.5 |
| ≥ 4000 | 5.1 | 46.4 | 51.1 | 55.3 | 58.8 | 59.1 | 61.0 | 62.8 | 63.8 | 65.9 | 67.1 | 67.2 | 67.7 | 68.0 | 68.2 | 68.9 |
| ≥ 3500 | 5.1 | 46.9 | 51.6 | 56.0 | 59.1 | 59.6 | 61.6 | 63.3 | 64.3 | 66.5 | 67.7 | 67.8 | 68.2 | 68.6 | 68.8 | 69.4 |
| ≥ 3000 | 5.1 | 48.5 | 53.2 | 57.8 | 61.8 | 61.6 | 63.5 | 65.4 | 66.4 | 68.6 | 69.8 | 69.9 | 70.3 | 70.6 | 70.9 | 71.5 |
| ≥ 2500 | 5.1 | 49.2 | 54.0 | 58.8 | 62.2 | 62.8 | 64.7 | 66.6 | 67.6 | 69.8 | 71.1 | 71.3 | 71.7 | 72.2 | 72.4 | 73.0 |
| ≥ 2000 | 5.1 | 49.8 | 54.6 | 59.4 | 62.9 | 63.4 | 65.3 | 67.2 | 68.2 | 70.4 | 71.8 | 72.1 | 72.5 | 72.9 | 73.1 | 73.8 |
| ≥ 1800 | 5.1 | 49.8 | 54.6 | 59.4 | 62.9 | 63.4 | 65.3 | 67.2 | 68.2 | 70.4 | 71.8 | 72.1 | 72.5 | 72.9 | 73.1 | 73.8 |
| ≥ 1500 | 5.1 | 50.1 | 55.0 | 60.0 | 63.5 | 63.9 | 65.8 | 67.7 | 68.7 | 70.9 | 72.3 | 72.6 | 73.0 | 73.3 | 73.5 | 74.2 |
| ≥ 1200 | 5.2 | 50.6 | 55.6 | 60.6 | 64.3 | 64.7 | 66.6 | 68.5 | 69.5 | 71.7 | 73.1 | 73.4 | 73.8 | 74.1 | 74.3 | 75.0 |
| ≥ 1000 | 5.2 | 51.0 | 56.1 | 61.1 | 64.8 | 65.2 | 67.1 | 69.0 | 70.0 | 72.2 | 73.6 | 73.9 | 74.3 | 74.6 | 74.8 | 75.5 |
| ≥ 900 | 5.2 | 51.0 | 56.2 | 61.2 | 65.2 | 65.7 | 67.7 | 69.7 | 70.7 | 73.1 | 74.7 | 74.9 | 75.3 | 75.6 | 75.8 | 76.6 |
| ≥ 800 | 5.2 | 51.3 | 56.4 | 61.5 | 65.5 | 66.0 | 68.0 | 70.0 | 71.0 | 73.4 | 75.0 | 75.2 | 75.6 | 75.9 | 76.1 | 76.8 |
| ≥ 700 | 5.2 | 51.4 | 56.7 | 61.6 | 65.6 | 66.1 | 68.1 | 70.1 | 71.1 | 73.5 | 75.1 | 75.3 | 75.7 | 76.0 | 76.2 | 76.9 |
| ≥ 600 | 5.2 | 51.4 | 56.7 | 61.6 | 65.6 | 66.1 | 68.1 | 70.1 | 71.1 | 73.5 | 75.1 | 75.3 | 75.7 | 76.0 | 76.2 | 76.9 |
| ≥ 500 | 5.2 | 51.4 | 56.7 | 61.6 | 65.6 | 66.1 | 68.1 | 70.1 | 71.1 | 73.5 | 75.1 | 75.3 | 75.7 | 76.0 | 76.2 | 76.9 |
| ≥ 400 | 5.2 | 51.6 | 56.9 | 62.4 | 66.9 | 67.7 | 70.1 | 72.5 | 74.9 | 77.8 | 79.9 | 80.2 | 80.9 | 81.6 | 81.8 | 82.4 |
| ≥ 300 | 5.1 | 51.7 | 57.0 | 62.6 | 67.1 | 68.1 | 71.2 | 74.9 | 76.0 | 80.0 | 82.2 | 82.6 | 84.1 | 84.9 | 85.2 | 85.8 |
| ≥ 200 | 5.1 | 51.7 | 57.0 | 62.6 | 67.1 | 68.1 | 71.2 | 74.9 | 76.0 | 80.0 | 82.2 | 82.6 | 84.1 | 84.9 | 85.2 | 85.8 |
| ≥ 100 | 5.1 | 51.7 | 57.0 | 62.6 | 67.1 | 68.1 | 71.2 | 74.9 | 76.0 | 80.0 | 82.2 | 82.6 | 84.1 | 84.9 | 85.2 | 85.8 |
| ≥ 0 | 5.1 | 51.7 | 57.0 | 62.6 | 67.1 | 68.1 | 71.2 | 74.9 | 76.0 | 80.0 | 82.2 | 82.6 | 84.1 | 84.9 | 85.2 | 85.8 |

TOTAL NUMBER OF OBSERVATIONS 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
hours (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 4.9 | 36.9 | 40.0 | 42.8 | 44.0 | 44.2 | 44.7 | 45.0 | 45.0 | 45.6 | 45.8 | 45.8 | 45.8 | 45.8 | 45.9 | 45.9 |
| ≥ 20000 | 4.9 | 41.7 | 45.0 | 47.9 | 49.9 | 50.0 | 50.0 | 50.0 | 50.7 | 51.2 | 51.2 | 51.8 | 52.1 | 52.1 | 52.2 | 52.3 |
| ≥ 18000 | 4.9 | 41.0 | 45.1 | 48.0 | 50.0 | 50.1 | 50.7 | 51.2 | 51.2 | 51.8 | 52.1 | 52.1 | 52.2 | 52.2 | 52.3 | 52.4 |
| ≥ 16000 | 4.9 | 41.0 | 45.1 | 48.0 | 50.0 | 50.1 | 50.7 | 51.2 | 51.2 | 51.8 | 52.1 | 52.1 | 52.2 | 52.2 | 52.3 | 52.4 |
| ≥ 14000 | 4.9 | 42.2 | 45.7 | 48.6 | 50.6 | 50.7 | 51.2 | 51.8 | 51.8 | 52.3 | 52.6 | 52.6 | 52.8 | 52.8 | 52.9 | 53.0 |
| ≥ 12000 | 5.3 | 43.3 | 46.8 | 50.3 | 52.4 | 52.5 | 53.5 | 54.2 | 54.2 | 54.7 | 55.1 | 55.1 | 55.2 | 55.2 | 55.3 | 55.4 |
| ≥ 10000 | 5.5 | 46.6 | 50.1 | 54.0 | 56.2 | 56.3 | 57.4 | 58.1 | 58.1 | 58.6 | 58.9 | 58.9 | 59.1 | 59.1 | 59.2 | 59.3 |
| ≥ 9000 | 5.5 | 47.2 | 50.9 | 54.9 | 57.1 | 57.2 | 58.3 | 58.9 | 58.9 | 59.5 | 59.8 | 59.8 | 59.9 | 59.9 | 60.0 | 60.2 |
| ≥ 8000 | 5.5 | 48.9 | 52.9 | 57.5 | 60.0 | 60.2 | 61.4 | 62.3 | 62.3 | 62.9 | 63.2 | 63.2 | 63.4 | 63.4 | 63.5 | 63.7 |
| ≥ 7000 | 5.6 | 50.3 | 54.5 | 59.2 | 61.7 | 61.8 | 63.0 | 63.9 | 63.9 | 64.6 | 64.9 | 64.9 | 65.0 | 65.0 | 65.1 | 65.3 |
| ≥ 6000 | 5.6 | 50.9 | 55.1 | 59.8 | 62.3 | 62.6 | 63.8 | 64.7 | 64.7 | 65.3 | 65.7 | 65.7 | 65.8 | 65.8 | 65.9 | 66.1 |
| ≥ 5000 | 5.6 | 51.2 | 55.4 | 60.2 | 62.9 | 63.0 | 64.2 | 65.2 | 65.2 | 65.8 | 66.3 | 66.3 | 66.4 | 66.4 | 66.5 | 66.8 |
| ≥ 4500 | 5.6 | 51.3 | 55.5 | 60.4 | 63.0 | 63.1 | 64.3 | 65.3 | 65.3 | 66.1 | 66.4 | 66.4 | 66.6 | 66.6 | 66.7 | 66.9 |
| ≥ 4000 | 5.6 | 52.5 | 57.1 | 62.1 | 64.8 | 64.8 | 66.1 | 67.1 | 67.1 | 68.1 | 68.4 | 68.4 | 68.5 | 68.5 | 68.7 | 68.9 |
| ≥ 3500 | 5.8 | 53.2 | 57.4 | 62.7 | 65.5 | 65.6 | 66.8 | 67.8 | 67.8 | 68.8 | 69.1 | 69.1 | 69.2 | 69.2 | 69.3 | 69.5 |
| ≥ 3000 | 6.1 | 55.0 | 59.4 | 65.1 | 68.0 | 68.2 | 69.9 | 71.0 | 71.1 | 72.2 | 72.5 | 72.5 | 72.6 | 72.6 | 72.7 | 73.0 |
| ≥ 2500 | 6.3 | 55.5 | 60.2 | 65.7 | 68.5 | 68.6 | 70.4 | 71.5 | 71.6 | 72.8 | 73.2 | 73.2 | 73.3 | 73.4 | 73.5 | 73.7 |
| ≥ 2000 | 6.4 | 55.8 | 60.5 | 66.1 | 69.0 | 69.2 | 70.9 | 72.0 | 72.1 | 73.3 | 73.7 | 73.7 | 73.8 | 73.8 | 74.1 | 74.3 |
| ≥ 1800 | 6.4 | 56.0 | 60.6 | 66.2 | 69.1 | 69.3 | 71.0 | 72.1 | 72.2 | 73.5 | 73.8 | 73.8 | 74.0 | 74.1 | 74.2 | 74.4 |
| ≥ 1500 | 6.5 | 56.8 | 61.5 | 67.2 | 70.1 | 70.3 | 72.1 | 73.2 | 73.3 | 74.6 | 74.9 | 74.9 | 75.1 | 75.2 | 75.3 | 75.5 |
| ≥ 1200 | 6.5 | 57.5 | 62.3 | 68.0 | 70.9 | 71.2 | 72.8 | 74.1 | 74.2 | 75.5 | 75.8 | 75.8 | 75.9 | 76.0 | 76.2 | 76.4 |
| ≥ 1000 | 6.5 | 57.9 | 62.9 | 68.6 | 71.6 | 72.1 | 73.8 | 75.2 | 75.3 | 76.8 | 77.2 | 77.2 | 77.4 | 77.5 | 77.6 | 77.8 |
| ≥ 900 | 6.5 | 57.9 | 63.0 | 68.9 | 71.7 | 72.2 | 74.0 | 75.3 | 75.4 | 76.9 | 77.3 | 77.3 | 77.5 | 77.6 | 77.7 | 77.9 |
| ≥ 800 | 6.5 | 58.3 | 63.4 | 69.3 | 72.2 | 72.6 | 74.9 | 75.7 | 75.8 | 77.4 | 77.7 | 77.7 | 77.9 | 78.0 | 78.1 | 78.3 |
| ≥ 700 | 6.5 | 58.6 | 63.8 | 69.9 | 73.0 | 73.5 | 75.9 | 76.6 | 76.9 | 78.6 | 78.9 | 78.9 | 79.1 | 79.2 | 79.4 | 79.6 |
| ≥ 600 | 6.5 | 58.9 | 64.3 | 70.5 | 74.1 | 74.7 | 76.7 | 78.3 | 78.5 | 80.2 | 80.6 | 80.6 | 80.8 | 80.9 | 81.0 | 81.2 |
| ≥ 500 | 6.5 | 59.3 | 64.8 | 71.0 | 74.6 | 75.0 | 77.6 | 79.7 | 79.9 | 82.0 | 82.5 | 82.5 | 82.7 | 82.8 | 82.9 | 83.1 |
| ≥ 400 | 6.5 | 59.4 | 64.9 | 71.1 | 74.9 | 75.4 | 78.1 | 80.7 | 81.0 | 83.5 | 84.0 | 84.0 | 84.3 | 84.4 | 84.5 | 84.8 |
| ≥ 300 | 6.5 | 59.4 | 64.9 | 71.1 | 75.2 | 75.6 | 78.9 | 82.6 | 83.1 | 86.1 | 87.5 | 87.7 | 88.4 | 88.5 | 88.6 | 88.9 |
| ≥ 200 | 6.5 | 59.4 | 64.9 | 71.1 | 75.2 | 75.6 | 78.9 | 82.6 | 83.1 | 86.1 | 87.5 | 87.7 | 88.4 | 88.5 | 88.6 | 88.9 |
| ≥ 100 | 6.5 | 59.4 | 64.9 | 71.1 | 75.2 | 75.6 | 78.9 | 82.6 | 83.1 | 86.1 | 87.5 | 87.7 | 88.4 | 88.5 | 88.6 | 88.9 |
| ≥ 0 | 6.5 | 59.4 | 64.9 | 71.1 | 75.2 | 75.6 | 78.9 | 82.6 | 83.1 | 86.1 | 87.5 | 87.7 | 88.4 | 88.5 | 88.6 | 88.9 |

TOTAL NUMBER OF OBSERVATIONS 224

USAF ETAC FORM 7-14-6 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70, 73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LGS)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥8 | ≥6 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ½ | ¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING ≥ 20000 | 6.5 | 43.6 | 46.5 | 49.0 | 51.2 | 51.2 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| ≥ 18000 | 6.5 | 48.0 | 52.1 | 55.9 | 57.3 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 16000 | 6.5 | 48.0 | 52.2 | 56.0 | 57.4 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 14000 | 6.5 | 50.1 | 53.4 | 57.2 | 58.6 | 58.6 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 12000 | 6.5 | 50.5 | 53.8 | 58.0 | 59.7 | 59.7 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 10000 | 7.2 | 53.0 | 56.7 | 61.1 | 62.9 | 63.0 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 9000 | 7.2 | 53.0 | 57.4 | 61.9 | 63.7 | 63.8 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 8000 | 7.3 | 56.0 | 60.0 | 64.4 | 66.7 | 67.0 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 7000 | 7.3 | 56.0 | 60.7 | 65.2 | 67.8 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 6000 | 7.3 | 57.1 | 61.1 | 65.7 | 67.8 | 68.0 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 5000 | 7.3 | 57.3 | 61.4 | 66.3 | 68.3 | 68.5 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 4500 | 7.3 | 57.3 | 61.4 | 66.3 | 68.3 | 68.5 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 4000 | 7.3 | 58.2 | 62.3 | 67.3 | 69.2 | 69.4 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 3500 | 7.3 | 58.4 | 62.6 | 67.4 | 69.6 | 69.9 | 70.3 | 70.5 | 70.5 | 70.5 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 3000 | 7.3 | 61.4 | 66.1 | 70.9 | 73.3 | 73.6 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 2500 | 8.0 | 62.9 | 67.2 | 72.1 | 74.6 | 74.9 | 75.3 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 2000 | 8.3 | 62.9 | 67.4 | 72.8 | 75.4 | 75.8 | 76.2 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 1800 | 8.3 | 62.9 | 67.4 | 72.8 | 75.4 | 75.8 | 76.2 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 1600 | 8.4 | 65.2 | 70.4 | 75.4 | 78.2 | 78.5 | 78.9 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 1400 | 8.4 | 65.2 | 70.4 | 75.4 | 78.2 | 78.5 | 78.9 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 1200 | 8.4 | 66.8 | 71.8 | 77.2 | 80.6 | 80.9 | 80.8 | 81.3 | 81.4 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 1000 | 8.4 | 67.0 | 72.6 | 78.3 | 81.4 | 81.7 | 82.3 | 82.8 | 82.9 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 900 | 8.4 | 67.1 | 72.7 | 79.0 | 82.0 | 82.3 | 82.6 | 83.4 | 83.5 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 800 | 8.7 | 67.9 | 73.6 | 80.3 | 83.6 | 84.1 | 84.7 | 85.3 | 85.5 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 700 | 8.7 | 68.2 | 74.0 | 80.9 | 84.3 | 84.9 | 85.4 | 86.4 | 86.6 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 600 | 8.7 | 68.2 | 74.3 | 81.3 | 84.9 | 85.4 | 86.1 | 87.3 | 87.5 | 87.9 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 500 | 8.7 | 68.2 | 74.6 | 81.6 | 85.6 | 86.2 | 87.6 | 88.2 | 88.5 | 89.2 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 400 | 8.7 | 68.2 | 74.6 | 82.0 | 86.2 | 87.0 | 88.6 | 89.3 | 89.7 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 300 | 8.7 | 68.3 | 74.7 | 82.3 | 86.3 | 87.3 | 88.7 | 92.0 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 200 | 8.7 | 68.3 | 74.7 | 82.3 | 86.4 | 87.3 | 88.8 | 92.4 | 93.8 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 100 | 8.7 | 68.3 | 74.7 | 82.3 | 86.4 | 87.3 | 88.8 | 92.4 | 93.8 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 0 | 8.7 | 68.3 | 74.7 | 82.3 | 86.4 | 87.3 | 88.8 | 92.4 | 93.8 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |

TOTAL NUMBER OF OBSERVATIONS 320

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥1/8 | ≥0 |
| NO CEILING | 7.0 | 43.0 | 46.1 | 47.0 | 48.0 | 48.5 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 |
| ≥ 20000 | 7.0 | 50.1 | 53.9 | 54.0 | 57.9 | 58.1 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 18000 | 7.0 | 50.1 | 53.9 | 54.0 | 57.9 | 58.1 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 16000 | 7.0 | 50.1 | 53.9 | 54.0 | 57.9 | 58.1 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 14000 | 7.0 | 50.1 | 53.9 | 54.0 | 57.9 | 58.1 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 12000 | 7.0 | 50.1 | 53.9 | 54.0 | 57.9 | 58.1 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 10000 | 8.0 | 53.3 | 57.9 | 60.0 | 62.0 | 62.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 9000 | 8.0 | 53.3 | 57.9 | 60.0 | 62.0 | 62.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 8000 | 8.0 | 53.3 | 57.9 | 60.0 | 62.0 | 62.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 7000 | 8.0 | 53.3 | 57.9 | 60.0 | 62.0 | 62.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 6000 | 8.0 | 56.0 | 61.0 | 64.0 | 66.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 5000 | 8.0 | 56.0 | 61.0 | 64.0 | 66.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 4000 | 8.0 | 56.0 | 61.0 | 64.0 | 66.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 3000 | 8.0 | 56.0 | 61.0 | 64.0 | 66.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 2500 | 8.0 | 56.0 | 61.0 | 64.0 | 66.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 2000 | 8.0 | 56.0 | 61.0 | 64.0 | 66.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 1800 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1600 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1400 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1200 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1000 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 900 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 800 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 700 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 600 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 500 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 400 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 300 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 200 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 100 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 0 | 9.0 | 64.0 | 71.0 | 77.0 | 81.0 | 81.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |

TOTAL NUMBER OF OBSERVATIONS 911

FORM 5200 2-60 0-100 (SL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.M.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 7.7 | 42.6 | 45.9 | 47.3 | 48.6 | 48.8 | 49.1 | 49.1 | 49.1 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| ≥ 20000 | 7.8 | 50.2 | 55.3 | 57.8 | 59.2 | 59.7 | 60.3 | 60.3 | 60.3 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| IV 18000 | 7.8 | 50.2 | 55.3 | 58.1 | 59.4 | 59.9 | 60.6 | 60.6 | 60.6 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| IV 16000 | 7.8 | 50.2 | 55.3 | 58.1 | 59.9 | 59.9 | 60.6 | 60.6 | 60.6 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| IV 14000 | 7.8 | 50.7 | 55.8 | 58.8 | 59.9 | 60.3 | 61.0 | 61.0 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| IV 12000 | 7.8 | 51.4 | 56.8 | 59.8 | 61.2 | 61.2 | 62.0 | 62.0 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| IV 10000 | 8.1 | 54.1 | 60.1 | 63.6 | 65.7 | 65.8 | 66.4 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| IV 9000 | 8.1 | 54.8 | 60.8 | 64.3 | 66.8 | 67.2 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| IV 8000 | 8.1 | 56.9 | 63.9 | 67.1 | 69.4 | 71.5 | 71.2 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| IV 7000 | 8.1 | 57.5 | 64.3 | 68.4 | 70.8 | 71.8 | 72.2 | 72.3 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| IV 6000 | 8.1 | 58.0 | 64.7 | 68.4 | 71.0 | 71.9 | 72.7 | 72.8 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| IV 5000 | 8.1 | 58.7 | 65.7 | 69.4 | 72.4 | 73.3 | 74.1 | 74.2 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| IV 4500 | 8.1 | 59.3 | 66.2 | 69.9 | 73.2 | 74.1 | 74.8 | 74.9 | 74.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| IV 4000 | 8.6 | 60.2 | 67.3 | 71.1 | 74.9 | 75.4 | 76.1 | 76.3 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| IV 3500 | 8.6 | 61.1 | 68.4 | 72.2 | 75.6 | 76.4 | 77.3 | 77.8 | 77.8 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| IV 3000 | 8.6 | 63.6 | 71.2 | 75.2 | 79.1 | 80.1 | 80.9 | 81.0 | 81.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| IV 2500 | 8.6 | 64.5 | 72.2 | 76.3 | 80.9 | 81.5 | 82.7 | 82.8 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| IV 2000 | 8.7 | 65.0 | 73.1 | 77.3 | 81.8 | 82.8 | 84.2 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 1800 | 8.7 | 65.0 | 73.3 | 77.6 | 82.0 | 83.0 | 84.4 | 84.5 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV 1500 | 8.9 | 66.6 | 74.8 | 79.4 | 84.1 | 85.1 | 86.6 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IV 1200 | 8.9 | 66.1 | 74.9 | 79.5 | 84.2 | 85.2 | 86.7 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 1000 | 8.9 | 66.7 | 75.5 | 80.2 | 85.2 | 86.2 | 87.9 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| IV 900 | 8.9 | 67.0 | 75.8 | 80.5 | 85.5 | 86.4 | 88.2 | 88.5 | 88.5 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| IV 800 | 8.9 | 67.6 | 76.5 | 81.8 | 87.0 | 88.2 | 90.1 | 90.7 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 700 | 8.9 | 67.8 | 76.6 | 81.9 | 87.5 | 88.7 | 91.1 | 91.7 | 91.7 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 600 | 8.9 | 68.2 | 77.1 | 82.8 | 88.0 | 89.3 | 91.8 | 92.4 | 92.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 500 | 8.9 | 68.3 | 77.2 | 82.8 | 88.2 | 89.7 | 92.3 | 93.2 | 93.2 | 93.9 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 400 | 8.9 | 68.4 | 77.5 | 82.9 | 88.8 | 90.4 | 93.1 | 94.4 | 94.4 | 95.2 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 300 | 8.9 | 68.4 | 77.5 | 82.9 | 88.9 | 90.5 | 93.8 | 95.1 | 95.2 | 96.4 | 97.2 | 97.4 | 97.7 | 97.7 | 97.8 | 97.8 |
| IV 200 | 8.9 | 68.4 | 77.5 | 82.9 | 89.2 | 90.8 | 93.9 | 95.4 | 95.4 | 96.9 | 98.0 | 98.3 | 98.9 | 99.7 | 99.9 | 99.9 |
| IV 100 | 8.9 | 68.4 | 77.5 | 82.9 | 89.2 | 90.8 | 93.9 | 95.4 | 95.4 | 96.9 | 98.0 | 98.3 | 98.9 | 99.7 | 99.9 | 100.0 |
| IV 0 | 8.9 | 68.4 | 77.5 | 82.9 | 89.2 | 90.8 | 93.9 | 95.4 | 95.4 | 96.9 | 98.0 | 98.3 | 98.9 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 6.9 | 40.8 | 43.3 | 45.6 | 47.1 | 47.1 | 47.9 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| ≥ 20000 | 6.9 | 46.5 | 50.9 | 53.8 | 55.5 | 55.5 | 56.6 | 57.7 | 57.8 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| IV 18000 | 6.9 | 46.6 | 51.1 | 54.1 | 55.7 | 55.7 | 56.8 | 58.0 | 58.1 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| IV 16000 | 6.9 | 46.6 | 51.1 | 54.1 | 55.7 | 55.7 | 56.8 | 58.0 | 58.1 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| IV 14000 | 7.0 | 47.1 | 51.8 | 54.7 | 56.5 | 56.6 | 57.7 | 58.9 | 59.0 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| IV 12000 | 7.1 | 48.1 | 53.0 | 56.0 | 57.9 | 58.0 | 59.1 | 60.3 | 60.4 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| IV 10000 | 7.3 | 50.9 | 56.0 | 59.2 | 61.6 | 61.8 | 62.9 | 64.1 | 64.4 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| IV 9000 | 7.3 | 51.1 | 56.4 | 59.6 | 62.0 | 62.1 | 63.2 | 64.5 | 64.8 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 8000 | 7.3 | 53.5 | 59.8 | 63.5 | 66.0 | 66.4 | 67.6 | 69.1 | 69.5 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| IV 7000 | 7.3 | 54.2 | 60.4 | 64.4 | 67.0 | 67.4 | 68.6 | 70.2 | 70.5 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 6000 | 7.3 | 54.4 | 60.7 | 64.6 | 67.3 | 67.6 | 68.8 | 70.4 | 70.8 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| IV 5000 | 7.3 | 55.3 | 61.9 | 66.0 | 69.0 | 69.3 | 70.8 | 72.2 | 72.5 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| IV 4500 | 7.3 | 55.7 | 62.3 | 66.6 | 69.6 | 69.9 | 71.1 | 72.7 | 73.1 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| IV 4000 | 7.3 | 57.0 | 63.7 | 68.0 | 71.0 | 71.3 | 72.6 | 74.4 | 74.7 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| IV 3500 | 7.3 | 58.0 | 64.9 | 69.2 | 72.2 | 72.5 | 74.0 | 75.7 | 76.0 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| IV 3000 | 7.3 | 60.4 | 68.0 | 72.4 | 75.8 | 76.2 | 77.6 | 79.5 | 79.8 | 80.8 | 81.0 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 |
| IV 2500 | 7.4 | 60.9 | 68.7 | 73.2 | 76.6 | 76.9 | 78.6 | 80.5 | 81.0 | 82.0 | 82.2 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 |
| IV 2000 | 7.4 | 61.3 | 69.2 | 73.8 | 77.6 | 77.9 | 79.6 | 81.5 | 82.0 | 83.1 | 83.3 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 |
| IV 1800 | 7.4 | 61.3 | 69.3 | 74.0 | 77.7 | 78.0 | 79.7 | 81.6 | 82.1 | 83.2 | 83.4 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 |
| IV 1500 | 7.4 | 62.2 | 70.3 | 74.9 | 78.8 | 79.1 | 80.8 | 82.7 | 83.2 | 84.3 | 84.5 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 |
| IV 1200 | 7.4 | 62.3 | 70.4 | 75.1 | 79.0 | 79.3 | 81.0 | 83.0 | 83.4 | 84.5 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 |
| IV 1000 | 7.4 | 62.7 | 71.2 | 75.9 | 80.2 | 80.7 | 82.4 | 84.4 | 84.8 | 85.9 | 86.2 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 |
| IV 900 | 7.4 | 63.0 | 71.4 | 76.2 | 80.4 | 81.0 | 82.7 | 84.7 | 85.3 | 86.4 | 86.6 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 |
| IV 800 | 7.4 | 63.1 | 71.5 | 76.5 | 81.1 | 81.6 | 83.4 | 85.4 | 86.5 | 87.6 | 87.8 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 |
| IV 700 | 7.4 | 63.1 | 71.6 | 76.7 | 81.4 | 82.0 | 84.2 | 86.7 | 87.3 | 88.4 | 88.6 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 |
| IV 600 | 7.4 | 63.5 | 72.1 | 77.1 | 82.0 | 82.5 | 84.7 | 87.2 | 87.8 | 89.0 | 89.2 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 |
| IV 500 | 7.4 | 63.6 | 72.3 | 78.0 | 83.3 | 84.1 | 86.6 | 89.3 | 89.9 | 91.4 | 91.6 | 91.8 | 91.8 | 92.0 | 92.0 | 92.0 |
| IV 400 | 7.4 | 63.6 | 72.3 | 78.5 | 83.8 | 84.8 | 87.8 | 90.7 | 91.2 | 92.9 | 93.4 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 |
| IV 300 | 7.4 | 63.6 | 72.3 | 78.5 | 83.8 | 84.9 | 88.1 | 91.3 | 91.9 | 94.2 | 94.9 | 95.1 | 95.2 | 95.5 | 95.5 | 95.5 |
| IV 200 | 7.4 | 63.6 | 72.3 | 78.5 | 84.0 | 85.1 | 88.2 | 91.6 | 92.2 | 94.9 | 96.3 | 96.5 | 96.8 | 97.6 | 97.9 | 97.9 |
| IV 100 | 7.4 | 63.6 | 72.3 | 78.5 | 84.6 | 85.1 | 88.2 | 91.6 | 92.2 | 94.9 | 96.3 | 96.5 | 97.0 | 98.4 | 98.7 | 99.6 |
| IV 0 | 7.4 | 63.6 | 72.3 | 78.5 | 84.6 | 85.1 | 88.2 | 91.6 | 92.2 | 94.9 | 96.3 | 96.5 | 97.0 | 98.4 | 98.7 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
hours (LST)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 6.4 | 40.7 | 43.1 | 45.1 | 46.8 | 46.8 | 48.1 | 49.7 | 49.7 | 49.9 | 50.1 | 50.2 | 50.2 | 50.2 | 50.4 | 50.5 |
| ≥ 20000 | 6.4 | 45.7 | 48.8 | 51.0 | 52.9 | 52.9 | 54.8 | 56.4 | 56.6 | 56.9 | 57.1 | 57.2 | 57.2 | 57.2 | 57.4 | 57.5 |
| ≥ 18000 | 6.4 | 45.7 | 48.8 | 51.0 | 52.9 | 52.9 | 54.8 | 56.4 | 56.6 | 56.9 | 57.1 | 57.2 | 57.2 | 57.2 | 57.4 | 57.5 |
| ≥ 16000 | 6.4 | 45.7 | 48.8 | 51.0 | 52.9 | 52.9 | 54.8 | 56.4 | 56.6 | 56.9 | 57.1 | 57.2 | 57.2 | 57.2 | 57.4 | 57.5 |
| ≥ 14000 | 6.4 | 46.0 | 49.1 | 51.4 | 53.4 | 53.4 | 55.2 | 57.0 | 57.0 | 57.3 | 57.5 | 57.6 | 57.6 | 57.6 | 57.9 | 58.0 |
| ≥ 12000 | 6.4 | 46.9 | 50.4 | 52.7 | 54.7 | 54.7 | 56.6 | 58.3 | 58.3 | 58.6 | 58.8 | 59.0 | 59.0 | 59.0 | 59.2 | 59.3 |
| ≥ 10000 | 6.4 | 49.6 | 53.2 | 55.4 | 58.0 | 58.3 | 60.4 | 62.1 | 62.1 | 62.4 | 62.7 | 62.8 | 62.8 | 62.8 | 63.0 | 63.1 |
| ≥ 9000 | 6.4 | 49.7 | 53.4 | 56.1 | 58.5 | 58.8 | 60.9 | 62.7 | 62.7 | 63.0 | 63.2 | 63.3 | 63.3 | 63.3 | 63.5 | 63.6 |
| ≥ 8000 | 6.4 | 52.4 | 56.9 | 60.5 | 62.9 | 63.3 | 65.4 | 67.3 | 67.5 | 67.8 | 68.1 | 68.2 | 68.2 | 68.2 | 68.4 | 68.6 |
| ≥ 7000 | 6.4 | 53.5 | 58.1 | 62.1 | 64.5 | 65.0 | 67.0 | 69.1 | 69.1 | 69.4 | 69.8 | 69.9 | 69.9 | 69.9 | 70.1 | 70.2 |
| ≥ 6000 | 6.4 | 54.0 | 58.6 | 62.7 | 65.1 | 65.5 | 67.6 | 69.7 | 69.7 | 70.0 | 70.3 | 70.4 | 70.4 | 70.4 | 70.6 | 70.7 |
| ≥ 5000 | 6.4 | 54.5 | 59.4 | 63.5 | 66.2 | 66.6 | 68.8 | 70.9 | 70.9 | 71.2 | 71.5 | 71.6 | 71.6 | 71.6 | 71.8 | 71.9 |
| ≥ 4500 | 6.4 | 55.1 | 60.2 | 64.4 | 67.0 | 67.5 | 69.7 | 71.7 | 71.7 | 72.1 | 72.4 | 72.5 | 72.5 | 72.5 | 72.7 | 72.8 |
| ≥ 4000 | 6.4 | 56.6 | 61.9 | 66.2 | 68.8 | 69.3 | 71.5 | 73.8 | 73.8 | 74.1 | 74.5 | 74.6 | 74.6 | 74.6 | 74.8 | 74.9 |
| ≥ 3500 | 6.4 | 56.8 | 62.1 | 66.4 | 69.0 | 69.5 | 71.7 | 74.0 | 74.0 | 74.3 | 74.7 | 74.8 | 74.8 | 74.8 | 75.0 | 75.1 |
| ≥ 3000 | 6.6 | 58.7 | 64.3 | 68.8 | 71.7 | 72.4 | 74.7 | 77.2 | 77.2 | 77.5 | 77.9 | 78.1 | 78.1 | 78.1 | 78.3 | 78.4 |
| ≥ 2500 | 6.6 | 59.5 | 65.2 | 69.8 | 72.7 | 73.4 | 75.8 | 78.3 | 78.3 | 78.6 | 79.0 | 79.1 | 79.1 | 79.1 | 79.4 | 79.5 |
| ≥ 2000 | 6.6 | 59.9 | 65.6 | 70.2 | 73.1 | 73.8 | 76.4 | 78.9 | 78.9 | 79.3 | 79.7 | 79.8 | 79.8 | 79.8 | 80.0 | 80.1 |
| ≥ 1800 | 6.6 | 59.9 | 65.6 | 70.2 | 73.1 | 73.8 | 76.4 | 78.9 | 78.9 | 79.3 | 79.7 | 79.8 | 79.8 | 79.8 | 80.0 | 80.1 |
| ≥ 1500 | 6.6 | 60.5 | 66.2 | 70.9 | 74.3 | 75.1 | 77.9 | 80.8 | 80.8 | 81.1 | 81.4 | 81.7 | 81.7 | 81.7 | 81.9 | 82.0 |
| ≥ 1200 | 6.6 | 60.5 | 66.3 | 71.0 | 74.8 | 75.5 | 78.4 | 81.2 | 81.2 | 81.6 | 82.0 | 82.1 | 82.1 | 82.1 | 82.3 | 82.4 |
| ≥ 1000 | 6.6 | 60.5 | 66.5 | 71.2 | 75.0 | 76.0 | 78.9 | 81.9 | 81.9 | 82.5 | 83.0 | 83.1 | 83.1 | 83.1 | 83.3 | 83.4 |
| ≥ 900 | 6.6 | 60.6 | 66.6 | 71.3 | 75.1 | 76.1 | 79.0 | 82.0 | 82.0 | 82.6 | 83.1 | 83.2 | 83.2 | 83.2 | 83.4 | 83.5 |
| ≥ 800 | 6.7 | 60.8 | 67.1 | 71.8 | 75.7 | 76.7 | 79.8 | 82.8 | 82.8 | 83.4 | 83.9 | 84.0 | 84.0 | 84.0 | 84.2 | 84.3 |
| ≥ 700 | 6.7 | 61.0 | 67.4 | 72.8 | 76.3 | 77.4 | 80.5 | 83.5 | 83.5 | 84.3 | 84.7 | 84.8 | 84.8 | 84.8 | 85.0 | 85.2 |
| ≥ 600 | 6.7 | 61.4 | 67.8 | 72.4 | 77.0 | 78.2 | 81.3 | 84.4 | 84.4 | 85.2 | 85.6 | 85.7 | 85.7 | 85.7 | 85.9 | 86.0 |
| ≥ 500 | 6.7 | 61.6 | 68.2 | 73.6 | 77.9 | 79.4 | 82.9 | 86.0 | 86.0 | 86.9 | 87.4 | 87.6 | 87.6 | 87.6 | 87.8 | 87.9 |
| ≥ 400 | 6.7 | 61.6 | 68.4 | 73.6 | 78.3 | 79.8 | 83.4 | 86.8 | 86.8 | 87.8 | 88.3 | 88.4 | 88.4 | 88.4 | 88.6 | 88.8 |
| ≥ 300 | 6.7 | 61.6 | 68.4 | 73.9 | 78.4 | 80.2 | 84.3 | 88.4 | 88.8 | 90.3 | 90.8 | 90.9 | 91.0 | 91.0 | 91.3 | 91.4 |
| ≥ 200 | 6.7 | 61.6 | 68.4 | 73.9 | 78.4 | 80.2 | 84.5 | 89.0 | 89.4 | 91.0 | 92.1 | 92.4 | 92.6 | 92.8 | 93.0 | 93.1 |
| ≥ 100 | 6.7 | 61.6 | 68.4 | 73.9 | 78.4 | 80.2 | 84.5 | 89.0 | 89.4 | 91.9 | 93.3 | 93.7 | 94.4 | 96.1 | 97.2 | 97.9 |
| ≥ 0 | 6.7 | 61.6 | 68.4 | 73.9 | 78.4 | 80.2 | 84.5 | 89.0 | 89.4 | 91.9 | 93.3 | 93.7 | 94.4 | 96.2 | 97.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 916

62

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
MONTH (L.A.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|----|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 | ≥0 |
| NO CEILING | 6.2 | 39.7 | 42.6 | 44.8 | 46.3 | 46.4 | 47.8 | 47.8 | 47.7 | 48.1 | 48.3 | 48.3 | 48.4 | 48.4 | 48.5 | 48.7 | |
| ≥ 20000 | 6.2 | 44.9 | 48.6 | 51.3 | 53.1 | 53.3 | 54.1 | 54.9 | 55.9 | 55.9 | 55.8 | 55.7 | 55.7 | 55.8 | 55.9 | 56.1 | |
| ≥ 18000 | 6.2 | 44.8 | 48.7 | 51.4 | 53.2 | 53.4 | 54.2 | 54.9 | 55.1 | 55.5 | 55.8 | 55.8 | 55.9 | 55.9 | 56.0 | 56.2 | |
| ≥ 16000 | 6.2 | 44.9 | 48.7 | 51.3 | 53.2 | 53.4 | 54.2 | 54.9 | 55.1 | 55.5 | 55.8 | 55.8 | 55.9 | 55.9 | 56.0 | 56.1 | |
| ≥ 14000 | 6.2 | 45.4 | 49.2 | 52.0 | 53.8 | 54.0 | 54.8 | 55.4 | 55.7 | 56.2 | 56.4 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | |
| ≥ 12000 | 6.4 | 46.2 | 50.2 | 53.2 | 55.8 | 55.2 | 56.1 | 56.9 | 57.1 | 57.5 | 57.7 | 57.8 | 57.8 | 57.9 | 58.0 | 58.2 | |
| ≥ 10000 | 6.5 | 49.1 | 53.9 | 56.7 | 59.0 | 59.2 | 60.2 | 61.0 | 61.2 | 61.7 | 61.9 | 62.0 | 62.0 | 62.1 | 62.2 | 62.4 | |
| ≥ 9000 | 6.4 | 49.6 | 54.0 | 57.3 | 59.6 | 59.9 | 60.9 | 61.7 | 61.9 | 62.9 | 62.6 | 62.6 | 62.7 | 62.8 | 62.9 | 63.1 | |
| ≥ 8000 | 6.6 | 51.7 | 56.7 | 60.4 | 62.9 | 63.4 | 64.4 | 65.4 | 65.6 | 66.2 | 66.4 | 66.5 | 66.6 | 66.6 | 66.7 | 66.9 | |
| ≥ 7000 | 6.6 | 52.5 | 57.4 | 61.4 | 64.8 | 64.4 | 65.4 | 66.4 | 66.8 | 67.3 | 67.6 | 67.6 | 67.7 | 67.8 | 67.9 | 68.1 | |
| ≥ 6000 | 6.6 | 52.9 | 58.1 | 61.9 | 64.8 | 65.0 | 66.1 | 67.1 | 67.3 | 67.9 | 68.1 | 68.2 | 68.3 | 68.3 | 68.4 | 68.6 | |
| ≥ 5000 | 6.6 | 53.5 | 58.8 | 62.8 | 65.8 | 66.0 | 67.2 | 68.2 | 68.5 | 69.0 | 69.3 | 69.3 | 69.4 | 69.5 | 69.5 | 69.7 | |
| ≥ 4500 | 6.6 | 53.8 | 59.1 | 63.2 | 66.0 | 66.4 | 67.8 | 68.8 | 68.8 | 69.3 | 69.6 | 69.7 | 69.8 | 69.8 | 69.9 | 70.1 | |
| ≥ 4000 | 6.7 | 55.0 | 60.5 | 64.7 | 67.7 | 68.1 | 69.9 | 70.8 | 70.7 | 71.3 | 71.6 | 71.7 | 71.8 | 71.8 | 71.9 | 72.1 | |
| ≥ 3500 | 6.7 | 55.6 | 61.2 | 65.4 | 68.4 | 68.9 | 70.1 | 71.2 | 71.4 | 72.1 | 72.4 | 72.5 | 72.5 | 72.6 | 72.7 | 72.9 | |
| ≥ 3000 | 6.8 | 56.0 | 62.9 | 68.3 | 71.4 | 72.1 | 73.5 | 74.7 | 74.9 | 75.6 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.5 | |
| ≥ 2500 | 7.1 | 58.9 | 65.0 | 69.8 | 72.9 | 73.4 | 74.9 | 76.1 | 76.4 | 77.1 | 77.5 | 77.6 | 77.7 | 77.8 | 77.8 | 78.1 | |
| ≥ 2000 | 7.1 | 59.4 | 65.8 | 70.2 | 73.7 | 74.3 | 75.8 | 77.1 | 77.3 | 78.0 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 79.0 | |
| ≥ 1800 | 7.1 | 59.4 | 65.7 | 70.3 | 73.8 | 74.3 | 75.9 | 77.1 | 77.4 | 78.1 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.1 | |
| ≥ 1500 | 7.2 | 60.5 | 66.8 | 71.8 | 75.3 | 75.8 | 77.3 | 78.9 | 79.1 | 79.9 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.9 | |
| ≥ 1200 | 7.3 | 60.9 | 67.4 | 72.2 | 76.0 | 76.4 | 78.2 | 79.6 | 79.9 | 80.7 | 81.1 | 81.1 | 81.2 | 81.3 | 81.4 | 81.6 | |
| ≥ 1000 | 7.3 | 61.2 | 67.9 | 72.8 | 76.8 | 77.4 | 79.2 | 80.6 | 80.9 | 81.8 | 82.2 | 82.3 | 82.3 | 82.5 | 82.6 | 82.8 | |
| ≥ 900 | 7.3 | 61.3 | 68.1 | 73.1 | 77.1 | 77.7 | 79.4 | 80.9 | 81.2 | 82.1 | 82.4 | 82.4 | 82.6 | 82.6 | 82.9 | 83.2 | |
| ≥ 800 | 7.3 | 61.7 | 68.4 | 73.8 | 78.0 | 78.7 | 80.5 | 82.1 | 82.4 | 83.3 | 83.6 | 83.7 | 83.9 | 84.0 | 84.3 | 84.5 | |
| ≥ 700 | 7.3 | 61.9 | 68.8 | 74.2 | 78.5 | 79.3 | 81.3 | 83.0 | 83.4 | 84.4 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.5 | |
| ≥ 600 | 7.3 | 62.1 | 69.2 | 74.6 | 79.1 | 80.0 | 82.0 | 83.8 | 84.2 | 85.3 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.4 | |
| ≥ 500 | 7.3 | 62.3 | 69.5 | 75.2 | 79.9 | 80.9 | 83.2 | 85.8 | 86.2 | 87.2 | 87.6 | 87.9 | 88.1 | 88.2 | 88.3 | 88.5 | |
| ≥ 400 | 7.3 | 62.3 | 69.9 | 75.4 | 80.3 | 81.3 | 83.7 | 86.4 | 86.8 | 87.8 | 88.3 | 88.7 | 88.9 | 89.0 | 89.1 | 89.3 | |
| ≥ 300 | 7.3 | 62.4 | 69.9 | 75.5 | 80.5 | 81.6 | 84.0 | 86.8 | 87.2 | 88.3 | 88.8 | 89.2 | 89.5 | 89.6 | 89.7 | 89.9 | |
| ≥ 200 | 7.3 | 62.4 | 69.9 | 75.5 | 80.6 | 81.8 | 84.7 | 87.9 | 88.3 | 89.4 | 89.9 | 90.3 | 90.6 | 90.7 | 90.8 | 91.0 | |
| ≥ 100 | 7.3 | 62.4 | 69.9 | 75.5 | 80.6 | 81.8 | 84.7 | 87.9 | 88.3 | 89.4 | 89.9 | 90.3 | 90.6 | 90.7 | 90.8 | 91.0 | |
| ≥ 0 | 7.3 | 62.4 | 69.9 | 75.5 | 80.6 | 81.8 | 84.7 | 87.9 | 88.3 | 89.4 | 89.9 | 90.3 | 90.6 | 90.7 | 90.8 | 91.0 | |

TOTAL NUMBER OF OBSERVATIONS 7318

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 3/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 8.9 | 40.0 | 43.2 | 45.7 | 49.0 | 49.6 | 51.0 | 52.8 | 53.2 | 54.0 | 54.9 | 55.0 | 55.6 | 56.1 | 56.2 | 56.5 |
| ≥ 20000 | 8.9 | 42.6 | 46.3 | 49.2 | 53.0 | 53.6 | 55.3 | 57.2 | 57.5 | 58.9 | 60.0 | 60.1 | 60.6 | 61.2 | 61.3 | 61.5 |
| IN 18000 | 8.9 | 42.6 | 46.3 | 49.2 | 53.0 | 53.6 | 55.3 | 57.2 | 57.5 | 58.9 | 60.0 | 60.1 | 60.6 | 61.2 | 61.3 | 61.5 |
| IN 16700 | 8.9 | 42.6 | 46.3 | 49.2 | 53.0 | 53.6 | 55.3 | 57.2 | 57.5 | 58.9 | 60.0 | 60.1 | 60.6 | 61.2 | 61.3 | 61.5 |
| IN 14000 | 9.0 | 42.8 | 46.5 | 49.5 | 53.2 | 53.8 | 55.6 | 57.5 | 57.9 | 59.2 | 60.3 | 60.4 | 60.9 | 61.5 | 61.6 | 61.8 |
| IN 12000 | 9.1 | 43.4 | 47.5 | 50.4 | 54.2 | 54.8 | 56.6 | 58.5 | 58.9 | 60.2 | 61.3 | 61.4 | 61.9 | 62.5 | 62.6 | 62.8 |
| IN 10000 | 9.2 | 44.3 | 48.7 | 51.6 | 55.8 | 56.6 | 58.3 | 60.5 | 60.8 | 62.1 | 63.3 | 63.5 | 64.0 | 64.6 | 64.7 | 64.9 |
| IN 9000 | 9.2 | 44.3 | 48.7 | 51.6 | 55.9 | 56.7 | 58.4 | 60.6 | 60.9 | 62.3 | 63.5 | 63.6 | 64.1 | 64.7 | 64.8 | 65.0 |
| IN 8000 | 9.2 | 46.4 | 51.2 | 54.5 | 58.6 | 59.4 | 61.2 | 63.3 | 63.7 | 65.2 | 66.4 | 66.5 | 67.1 | 67.6 | 67.7 | 67.9 |
| IN 7000 | 9.2 | 46.7 | 51.6 | 55.0 | 59.3 | 60.1 | 61.8 | 64.0 | 64.3 | 65.9 | 67.1 | 67.2 | 67.7 | 68.3 | 68.4 | 68.6 |
| IN 6000 | 9.2 | 46.7 | 51.6 | 55.1 | 59.4 | 60.2 | 61.9 | 64.1 | 64.4 | 66.0 | 67.2 | 67.3 | 67.8 | 68.4 | 68.5 | 68.7 |
| IN 5000 | 9.2 | 47.4 | 52.5 | 55.9 | 60.2 | 60.9 | 62.7 | 64.9 | 65.2 | 66.7 | 67.9 | 68.1 | 68.6 | 69.1 | 69.3 | 69.5 |
| IN 4500 | 9.2 | 47.6 | 52.7 | 56.1 | 60.4 | 61.2 | 63.2 | 65.5 | 65.9 | 67.4 | 68.6 | 68.7 | 69.3 | 69.8 | 69.9 | 70.1 |
| IN 4000 | 9.2 | 48.4 | 53.5 | 56.9 | 61.3 | 62.0 | 64.1 | 66.4 | 66.7 | 68.3 | 69.5 | 69.6 | 70.1 | 70.7 | 70.8 | 71.0 |
| IN 3500 | 9.2 | 48.5 | 53.6 | 57.2 | 61.7 | 62.5 | 64.7 | 67.1 | 67.4 | 68.9 | 70.1 | 70.2 | 70.8 | 71.3 | 71.4 | 71.7 |
| IN 3000 | 9.2 | 50.9 | 57.0 | 60.9 | 66.3 | 67.1 | 69.4 | 71.9 | 72.2 | 73.7 | 74.9 | 75.1 | 75.6 | 76.1 | 76.3 | 76.5 |
| IN 2500 | 9.2 | 51.0 | 57.1 | 61.3 | 66.7 | 67.5 | 69.8 | 72.4 | 72.8 | 74.3 | 75.5 | 75.6 | 76.1 | 76.7 | 76.8 | 77.0 |
| IN 2000 | 9.2 | 51.1 | 57.2 | 61.4 | 67.0 | 67.7 | 70.1 | 72.8 | 73.1 | 74.6 | 75.8 | 75.9 | 76.5 | 77.0 | 77.1 | 77.4 |
| IN 1800 | 9.2 | 51.1 | 57.2 | 61.4 | 67.0 | 67.7 | 70.1 | 72.8 | 73.1 | 74.6 | 75.8 | 75.9 | 76.5 | 77.0 | 77.1 | 77.4 |
| IN 1500 | 9.2 | 51.5 | 57.7 | 61.8 | 67.5 | 68.4 | 70.8 | 73.5 | 73.9 | 75.4 | 76.7 | 76.8 | 77.4 | 77.9 | 78.0 | 78.2 |
| IN 1200 | 9.2 | 51.6 | 57.8 | 61.9 | 67.8 | 68.7 | 71.2 | 74.0 | 74.3 | 75.9 | 77.2 | 77.4 | 77.9 | 78.4 | 78.6 | 78.8 |
| IN 1000 | 9.2 | 51.9 | 58.0 | 62.1 | 68.3 | 69.3 | 72.0 | 74.7 | 75.1 | 76.7 | 78.1 | 78.2 | 78.8 | 79.3 | 79.4 | 79.6 |
| IN 900 | 9.2 | 52.3 | 58.4 | 62.7 | 68.8 | 69.9 | 72.6 | 75.4 | 75.7 | 77.4 | 78.8 | 78.9 | 79.4 | 80.0 | 80.1 | 80.3 |
| IN 800 | 9.2 | 52.5 | 58.6 | 63.1 | 69.3 | 70.4 | 73.1 | 75.9 | 76.3 | 78.0 | 79.4 | 79.5 | 80.1 | 80.7 | 80.9 | 81.1 |
| IN 700 | 9.2 | 52.6 | 58.8 | 63.6 | 69.7 | 70.8 | 73.5 | 76.4 | 76.7 | 78.6 | 80.0 | 80.1 | 80.6 | 81.3 | 81.4 | 81.6 |
| IN 600 | 9.2 | 52.6 | 58.8 | 63.8 | 70.0 | 71.2 | 74.0 | 77.0 | 77.4 | 79.5 | 81.0 | 81.1 | 81.7 | 82.4 | 82.5 | 82.7 |
| IN 500 | 9.2 | 52.8 | 58.8 | 63.8 | 70.0 | 71.2 | 74.4 | 77.8 | 78.1 | 80.9 | 82.5 | 82.7 | 83.4 | 84.2 | 84.4 | 84.6 |
| IN 400 | 9.2 | 53.0 | 59.1 | 64.3 | 70.9 | 72.1 | 75.3 | 78.9 | 79.2 | 82.5 | 84.4 | 84.7 | 85.4 | 86.3 | 86.5 | 86.8 |
| IN 300 | 9.2 | 53.1 | 59.3 | 64.7 | 71.4 | 72.4 | 75.9 | 80.0 | 80.3 | 84.1 | 86.2 | 87.0 | 87.7 | 88.9 | 89.2 | 89.4 |
| IN 200 | 9.2 | 53.1 | 59.3 | 64.8 | 71.6 | 72.8 | 76.1 | 80.4 | 81.2 | 85.7 | 87.9 | 88.6 | 89.7 | 91.7 | 92.0 | 92.6 |
| IN 100 | 9.2 | 53.1 | 59.3 | 64.8 | 71.6 | 72.8 | 76.1 | 80.4 | 81.2 | 86.0 | 88.3 | 89.2 | 90.5 | 93.3 | 94.3 | 96.8 |
| IN 0 | 9.2 | 53.1 | 59.3 | 64.8 | 71.6 | 72.8 | 76.1 | 80.4 | 81.2 | 86.0 | 88.3 | 89.2 | 90.6 | 93.4 | 94.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 6.8 | 33.5 | 37.3 | 39.8 | 42.0 | 42.2 | 44.3 | 45.9 | 46.0 | 47.1 | 48.2 | 48.2 | 48.6 | 49.4 | 49.9 | 51.2 |
| ≥ 20000 | 6.8 | 35.2 | 39.1 | 41.9 | 44.4 | 44.7 | 47.0 | 48.5 | 48.6 | 50.1 | 51.3 | 51.3 | 51.7 | 52.5 | 53.1 | 54.5 |
| ≥ 18000 | 6.8 | 35.2 | 39.1 | 41.9 | 44.4 | 44.7 | 47.0 | 48.5 | 48.6 | 50.1 | 51.3 | 51.3 | 51.7 | 52.5 | 53.1 | 54.5 |
| ≥ 16000 | 6.8 | 35.2 | 39.1 | 41.9 | 44.4 | 44.7 | 47.0 | 48.5 | 48.6 | 50.1 | 51.3 | 51.3 | 51.7 | 52.5 | 53.1 | 54.5 |
| ≥ 14000 | 6.8 | 35.2 | 39.1 | 41.9 | 44.4 | 44.7 | 47.0 | 48.5 | 48.6 | 50.1 | 51.3 | 51.3 | 51.7 | 52.5 | 53.1 | 54.5 |
| ≥ 12000 | 7.3 | 36.6 | 40.6 | 43.4 | 46.0 | 46.4 | 48.7 | 50.7 | 50.8 | 52.4 | 53.6 | 53.6 | 54.0 | 54.8 | 55.5 | 56.8 |
| ≥ 10000 | 7.3 | 37.6 | 41.6 | 44.9 | 47.6 | 48.2 | 50.7 | 53.0 | 53.1 | 54.9 | 56.3 | 56.3 | 56.8 | 57.6 | 58.2 | 59.8 |
| ≥ 9000 | 7.3 | 37.9 | 41.9 | 45.2 | 48.0 | 48.5 | 51.0 | 53.4 | 53.5 | 55.2 | 56.7 | 56.7 | 57.1 | 57.9 | 58.5 | 60.1 |
| ≥ 8000 | 7.3 | 40.1 | 44.8 | 48.7 | 51.8 | 52.6 | 55.2 | 57.7 | 57.8 | 59.6 | 61.2 | 61.2 | 61.7 | 62.5 | 63.3 | 64.8 |
| ≥ 7000 | 7.4 | 40.8 | 45.6 | 49.6 | 52.7 | 53.5 | 56.1 | 58.7 | 58.8 | 60.6 | 62.2 | 62.2 | 62.7 | 63.5 | 64.3 | 65.8 |
| ≥ 6000 | 7.4 | 40.9 | 45.8 | 49.7 | 52.8 | 53.6 | 56.3 | 58.9 | 59.0 | 60.9 | 62.4 | 62.4 | 63.0 | 63.7 | 64.5 | 66.0 |
| ≥ 5000 | 7.4 | 41.3 | 46.2 | 50.2 | 53.4 | 54.2 | 57.0 | 59.5 | 59.6 | 61.6 | 63.2 | 63.2 | 63.7 | 64.5 | 65.3 | 66.8 |
| ≥ 4500 | 7.4 | 41.6 | 46.4 | 50.6 | 53.8 | 54.7 | 57.4 | 60.0 | 60.1 | 62.1 | 63.6 | 63.6 | 64.2 | 64.9 | 65.7 | 67.3 |
| ≥ 4000 | 7.4 | 42.9 | 47.7 | 51.9 | 55.1 | 56.0 | 58.8 | 61.3 | 61.4 | 63.4 | 64.9 | 64.9 | 65.5 | 66.3 | 67.0 | 68.6 |
| ≥ 3500 | 7.4 | 43.0 | 48.0 | 52.1 | 55.5 | 56.3 | 59.1 | 61.6 | 61.7 | 63.7 | 65.3 | 65.3 | 65.8 | 66.6 | 67.4 | 68.9 |
| ≥ 3000 | 7.6 | 45.5 | 50.5 | 54.8 | 58.3 | 59.2 | 62.3 | 64.9 | 65.0 | 67.1 | 68.7 | 68.7 | 69.2 | 70.0 | 70.8 | 72.3 |
| ≥ 2500 | 7.6 | 46.2 | 51.2 | 55.7 | 59.3 | 60.3 | 63.4 | 66.3 | 66.4 | 68.5 | 70.0 | 70.0 | 70.6 | 71.3 | 72.1 | 73.6 |
| ≥ 2000 | 7.6 | 46.4 | 51.4 | 55.9 | 59.6 | 60.6 | 63.7 | 66.6 | 66.7 | 68.8 | 70.3 | 70.3 | 70.9 | 71.7 | 72.4 | 74.0 |
| ≥ 1800 | 7.6 | 46.7 | 51.8 | 56.3 | 60.2 | 61.2 | 64.3 | 67.3 | 67.4 | 69.5 | 71.0 | 71.0 | 71.6 | 72.3 | 73.1 | 74.6 |
| ≥ 1500 | 7.6 | 47.2 | 52.3 | 56.9 | 60.9 | 61.9 | 64.9 | 67.9 | 68.0 | 70.1 | 71.7 | 71.7 | 72.2 | 73.0 | 73.8 | 75.3 |
| ≥ 1000 | 7.6 | 47.4 | 52.5 | 57.1 | 61.2 | 62.2 | 65.6 | 68.8 | 68.9 | 71.1 | 72.9 | 72.9 | 73.4 | 74.2 | 75.0 | 76.5 |
| ≥ 900 | 7.6 | 47.4 | 52.6 | 57.2 | 61.3 | 62.3 | 65.7 | 68.9 | 69.0 | 71.3 | 73.1 | 73.2 | 73.8 | 74.5 | 75.3 | 76.8 |
| ≥ 800 | 7.6 | 47.5 | 53.1 | 58.0 | 62.1 | 63.1 | 66.6 | 69.9 | 70.0 | 72.4 | 74.2 | 74.3 | 74.9 | 75.6 | 76.4 | 77.9 |
| ≥ 700 | 7.6 | 47.6 | 53.4 | 58.2 | 62.6 | 63.6 | 67.3 | 70.7 | 70.8 | 73.2 | 75.0 | 75.1 | 75.6 | 76.4 | 77.2 | 78.7 |
| ≥ 600 | 7.6 | 47.7 | 53.6 | 58.7 | 63.2 | 64.4 | 68.0 | 71.4 | 71.6 | 74.0 | 75.7 | 75.9 | 76.4 | 77.2 | 77.9 | 79.5 |
| ≥ 500 | 7.6 | 47.9 | 53.9 | 59.2 | 63.9 | 65.3 | 69.5 | 73.2 | 73.4 | 76.0 | 77.7 | 77.8 | 78.5 | 79.5 | 80.4 | 81.9 |
| ≥ 400 | 7.6 | 47.9 | 53.9 | 59.2 | 64.1 | 65.4 | 69.6 | 73.5 | 73.8 | 77.1 | 79.4 | 79.6 | 80.7 | 81.7 | 82.6 | 84.1 |
| ≥ 300 | 7.7 | 48.0 | 54.0 | 59.4 | 64.3 | 65.7 | 70.1 | 74.2 | 74.4 | 77.7 | 80.6 | 81.0 | 82.4 | 83.6 | 84.6 | 86.1 |
| ≥ 200 | 7.7 | 48.0 | 54.0 | 59.4 | 64.4 | 65.9 | 70.3 | 74.8 | 75.0 | 78.6 | 82.4 | 83.1 | 85.3 | 87.2 | 88.6 | 90.6 |
| ≥ 100 | 7.8 | 48.1 | 54.1 | 59.5 | 64.5 | 66.0 | 70.5 | 74.9 | 75.1 | 78.9 | 82.8 | 83.7 | 86.1 | 89.0 | 90.7 | 94.7 |
| ≥ 0 | 7.8 | 48.1 | 54.1 | 59.5 | 64.5 | 66.0 | 70.5 | 74.9 | 75.1 | 78.9 | 82.8 | 83.7 | 86.1 | 89.1 | 91.0 | 90.0 |

TOTAL NUMBER OF OBSERVATIONS 907

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392 BRUNSWICK NAS ME

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 6.3 | 35.6 | 38.3 | 40.4 | 42.5 | 42.6 | 43.5 | 44.7 | 44.8 | 45.6 | 45.7 | 45.9 | 46.1 | 46.5 | 46.7 | 47.3 |
| ≥ 20000 | 6.5 | 38.1 | 41.5 | 43.7 | 46.2 | 46.3 | 47.6 | 49.2 | 49.3 | 50.2 | 50.4 | 50.6 | 50.8 | 51.3 | 51.7 | 52.6 |
| IN 18000 | 6.5 | 38.3 | 41.7 | 43.9 | 46.4 | 46.5 | 47.9 | 49.4 | 49.5 | 50.4 | 50.6 | 50.8 | 51.0 | 51.5 | 51.9 | 52.8 |
| IN 16000 | 6.5 | 38.3 | 41.7 | 43.9 | 46.4 | 46.5 | 47.9 | 49.4 | 49.5 | 50.4 | 50.6 | 50.8 | 51.0 | 51.5 | 51.9 | 52.8 |
| IN 14000 | 6.8 | 38.6 | 42.0 | 44.2 | 46.8 | 46.9 | 48.3 | 49.8 | 49.9 | 50.8 | 51.0 | 51.3 | 51.5 | 51.9 | 52.4 | 53.2 |
| IN 12000 | 6.8 | 40.2 | 43.8 | 46.0 | 48.5 | 48.7 | 50.3 | 51.9 | 52.3 | 53.1 | 53.3 | 53.6 | 53.8 | 54.3 | 54.8 | 55.7 |
| IN 10000 | 7.0 | 41.6 | 45.9 | 48.6 | 51.4 | 51.6 | 53.5 | 55.2 | 55.8 | 56.6 | 57.2 | 57.5 | 57.7 | 58.3 | 58.7 | 59.6 |
| IN 9000 | 7.0 | 41.7 | 46.0 | 48.7 | 51.5 | 51.7 | 53.6 | 55.3 | 55.9 | 56.8 | 57.4 | 57.7 | 58.0 | 58.5 | 58.9 | 59.8 |
| IN 8000 | 7.4 | 44.9 | 49.4 | 52.9 | 56.6 | 56.9 | 58.9 | 61.6 | 62.1 | 63.4 | 64.2 | 64.5 | 64.8 | 65.3 | 65.8 | 66.7 |
| IN 7000 | 7.4 | 46.3 | 50.9 | 54.6 | 58.3 | 58.6 | 60.7 | 63.3 | 63.9 | 65.3 | 66.1 | 66.4 | 66.7 | 67.2 | 67.6 | 68.6 |
| IN 6000 | 7.4 | 46.5 | 51.2 | 54.8 | 58.7 | 59.1 | 61.1 | 63.8 | 64.3 | 65.8 | 66.5 | 66.8 | 67.1 | 67.5 | 67.9 | 69.0 |
| IN 5000 | 7.4 | 47.0 | 51.6 | 55.3 | 59.4 | 59.8 | 61.9 | 64.7 | 65.2 | 66.6 | 67.4 | 67.7 | 67.9 | 68.5 | 68.9 | 69.9 |
| IN 4500 | 7.4 | 47.3 | 52.0 | 55.8 | 59.8 | 60.3 | 62.3 | 65.1 | 65.6 | 67.1 | 67.8 | 68.2 | 68.4 | 68.9 | 69.4 | 70.4 |
| IN 4000 | 7.4 | 48.3 | 53.1 | 57.1 | 61.1 | 61.6 | 63.7 | 66.4 | 67.0 | 68.4 | 69.2 | 69.5 | 69.7 | 70.3 | 70.7 | 71.7 |
| IN 3500 | 7.4 | 48.3 | 53.1 | 57.1 | 61.1 | 61.6 | 63.7 | 66.4 | 67.0 | 68.4 | 69.2 | 69.5 | 69.7 | 70.3 | 70.7 | 71.7 |
| IN 3000 | 7.4 | 50.7 | 55.8 | 59.9 | 64.2 | 64.8 | 66.8 | 69.6 | 70.1 | 71.7 | 72.4 | 72.8 | 73.0 | 73.7 | 74.1 | 75.1 |
| IN 2500 | 7.4 | 51.0 | 56.1 | 60.3 | 64.5 | 65.1 | 67.3 | 70.0 | 70.6 | 72.1 | 72.9 | 73.2 | 73.4 | 74.1 | 74.5 | 75.5 |
| IN 2000 | 7.4 | 51.7 | 56.8 | 61.0 | 65.3 | 65.9 | 68.1 | 70.8 | 71.4 | 72.9 | 73.7 | 74.0 | 74.2 | 74.9 | 75.3 | 76.3 |
| IN 1800 | 7.4 | 51.7 | 56.8 | 61.0 | 65.3 | 65.9 | 68.1 | 70.8 | 71.4 | 72.9 | 73.7 | 74.0 | 74.2 | 74.9 | 75.3 | 76.3 |
| IN 1500 | 7.4 | 51.8 | 57.1 | 61.4 | 65.6 | 66.2 | 68.5 | 71.2 | 71.8 | 73.3 | 74.1 | 74.4 | 74.6 | 75.3 | 75.7 | 76.8 |
| IN 1200 | 7.4 | 52.1 | 57.4 | 61.8 | 66.1 | 66.6 | 68.9 | 71.7 | 72.2 | 73.8 | 74.5 | 74.9 | 75.1 | 75.7 | 76.2 | 77.3 |
| IN 1000 | 7.4 | 52.1 | 57.4 | 61.9 | 66.2 | 66.7 | 69.0 | 72.1 | 72.7 | 74.5 | 75.3 | 75.6 | 75.9 | 76.5 | 76.9 | 78.0 |
| IN 900 | 7.4 | 52.3 | 57.5 | 62.0 | 66.3 | 66.8 | 69.2 | 72.2 | 72.8 | 74.8 | 75.5 | 75.9 | 76.1 | 76.7 | 77.2 | 78.3 |
| IN 800 | 7.4 | 52.6 | 57.8 | 62.3 | 66.7 | 67.3 | 69.6 | 72.7 | 73.2 | 75.2 | 76.0 | 76.3 | 76.5 | 77.2 | 77.6 | 78.7 |
| IN 700 | 7.4 | 52.7 | 58.0 | 62.7 | 67.2 | 67.7 | 70.3 | 73.3 | 73.9 | 75.9 | 76.6 | 76.9 | 77.2 | 77.8 | 78.3 | 79.4 |
| IN 600 | 7.4 | 53.1 | 58.4 | 63.1 | 67.8 | 68.4 | 71.2 | 74.4 | 75.1 | 77.1 | 77.8 | 78.2 | 78.5 | 79.1 | 79.6 | 80.7 |
| IN 500 | 7.4 | 53.2 | 58.5 | 63.2 | 68.3 | 69.2 | 72.2 | 76.5 | 77.3 | 79.8 | 80.8 | 81.1 | 81.6 | 82.2 | 82.7 | 83.8 |
| IN 400 | 7.4 | 53.2 | 58.5 | 63.4 | 68.6 | 70.0 | 73.2 | 78.5 | 79.3 | 82.3 | 84.4 | 85.0 | 85.8 | 86.6 | 87.0 | 88.1 |
| IN 300 | 7.4 | 53.5 | 58.7 | 63.7 | 69.0 | 70.3 | 73.5 | 79.1 | 80.1 | 83.8 | 86.7 | 87.3 | 88.6 | 89.6 | 90.1 | 91.2 |
| IN 200 | 7.5 | 53.6 | 58.9 | 63.9 | 69.3 | 70.6 | 73.9 | 79.6 | 80.6 | 84.9 | 88.3 | 89.0 | 91.0 | 93.1 | 93.7 | 95.2 |
| IN 100 | 7.5 | 53.6 | 58.9 | 63.9 | 69.3 | 70.6 | 73.9 | 79.6 | 80.6 | 84.9 | 88.3 | 89.1 | 91.2 | 93.9 | 95.1 | 97.9 |
| IN 0 | 7.5 | 53.6 | 58.9 | 63.9 | 69.3 | 70.6 | 73.9 | 79.6 | 80.6 | 84.9 | 88.3 | 89.1 | 91.2 | 93.9 | 95.2 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS 911

USAF ETAC FORM 0-16-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743921

BRUNSWICK NAS ME

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 8.7 | 44.6 | 47.5 | 49.7 | 51.3 | 51.4 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 |
| ≥ 20000 | 8.2 | 48.6 | 51.5 | 54.2 | 56.1 | 57.0 | 58.0 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 |
| IN 18000 | 8.2 | 48.8 | 51.8 | 54.4 | 56.4 | 57.2 | 58.2 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.6 |
| IN 16000 | 8.2 | 48.8 | 51.8 | 54.4 | 56.4 | 57.2 | 58.2 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.6 |
| IN 14000 | 8.2 | 49.5 | 52.4 | 55.0 | 57.1 | 58.0 | 59.0 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.3 |
| IN 12000 | 8.2 | 51.1 | 54.3 | 56.9 | 59.1 | 60.2 | 61.3 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 |
| IN 10000 | 8.6 | 52.9 | 56.9 | 59.6 | 62.1 | 63.2 | 64.3 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 |
| IN 9000 | 8.6 | 53.0 | 57.0 | 59.8 | 62.2 | 63.3 | 64.4 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 |
| IN 8000 | 8.9 | 55.6 | 60.1 | 63.3 | 65.8 | 66.9 | 68.4 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.3 |
| IN 7000 | 9.1 | 56.5 | 61.3 | 64.5 | 67.0 | 68.1 | 69.6 | 70.5 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.8 |
| IN 6000 | 9.3 | 56.8 | 61.6 | 64.8 | 67.3 | 68.4 | 70.2 | 70.8 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.2 |
| IN 5000 | 9.3 | 57.5 | 62.4 | 65.7 | 68.2 | 69.3 | 71.1 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 |
| IN 4500 | 9.3 | 57.6 | 62.7 | 66.0 | 68.5 | 69.6 | 71.4 | 72.0 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 |
| IN 4000 | 9.3 | 58.1 | 63.5 | 67.0 | 69.5 | 70.6 | 72.4 | 73.0 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.4 |
| IN 3500 | 9.3 | 58.3 | 63.7 | 67.2 | 69.7 | 70.8 | 72.6 | 73.2 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 |
| IN 3000 | 9.3 | 60.5 | 66.7 | 70.7 | 73.6 | 74.7 | 76.5 | 77.2 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.5 |
| IN 2500 | 9.3 | 61.1 | 67.3 | 71.4 | 74.2 | 75.5 | 77.4 | 78.2 | 78.3 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 |
| IN 2000 | 9.3 | 62.2 | 68.5 | 72.6 | 75.4 | 76.8 | 78.8 | 79.6 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 |
| IN 1800 | 9.3 | 62.4 | 68.8 | 72.8 | 75.7 | 77.0 | 79.1 | 79.8 | 79.9 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.3 |
| IN 1500 | 9.3 | 63.5 | 70.0 | 74.0 | 77.1 | 78.5 | 80.7 | 81.6 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 |
| IN 1200 | 9.3 | 64.0 | 70.5 | 74.7 | 77.7 | 79.2 | 81.4 | 82.2 | 82.3 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 |
| IN 1000 | 9.3 | 64.8 | 71.5 | 75.8 | 79.1 | 80.6 | 82.8 | 84.1 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 |
| IN 900 | 9.3 | 65.0 | 71.7 | 76.0 | 79.3 | 80.8 | 83.0 | 84.3 | 84.4 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.8 |
| IN 800 | 9.3 | 65.9 | 72.1 | 76.4 | 80.4 | 82.0 | 84.5 | 86.0 | 86.1 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.4 |
| IN 700 | 9.3 | 65.9 | 72.6 | 77.4 | 81.6 | 83.3 | 86.4 | 87.9 | 88.0 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 |
| IN 600 | 9.3 | 66.6 | 73.4 | 78.4 | 82.7 | 84.5 | 87.7 | 89.6 | 89.8 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.4 |
| IN 500 | 9.3 | 66.8 | 73.6 | 79.4 | 84.2 | 86.6 | 90.0 | 92.3 | 92.7 | 93.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.8 |
| IN 400 | 9.3 | 66.8 | 73.7 | 79.5 | 84.5 | 87.2 | 90.6 | 93.4 | 93.9 | 94.6 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.3 |
| IN 300 | 9.3 | 66.8 | 73.7 | 79.5 | 84.6 | 87.3 | 90.9 | 94.0 | 94.5 | 95.9 | 96.9 | 96.9 | 97.3 | 97.3 | 97.3 | 97.4 |
| IN 200 | 9.4 | 66.9 | 73.8 | 79.6 | 84.8 | 87.4 | 91.1 | 94.3 | 94.8 | 96.4 | 98.0 | 98.1 | 99.0 | 99.2 | 99.3 | 99.5 |
| IN 100 | 9.4 | 66.9 | 73.8 | 79.6 | 84.8 | 87.4 | 91.2 | 94.4 | 95.0 | 96.5 | 98.1 | 98.2 | 99.1 | 99.3 | 99.8 | 100.0 |
| IN 0 | 9.4 | 66.9 | 73.8 | 79.6 | 84.8 | 87.4 | 91.2 | 94.4 | 95.0 | 96.5 | 98.1 | 98.2 | 99.1 | 99.3 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/10 | ≥ 1/20 | ≥ 0 |
| NO CEILING | 9.1 | 43.0 | 45.9 | 47.4 | 49.2 | 49.3 | 49.6 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| ≥ 20000 | 9.8 | 50.7 | 53.9 | 55.9 | 58.2 | 58.6 | 59.1 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 18000 | 9.8 | 50.7 | 54.0 | 56.0 | 58.3 | 58.7 | 59.2 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 16000 | 9.8 | 50.8 | 54.1 | 56.1 | 58.4 | 58.8 | 59.3 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 14000 | 9.8 | 51.3 | 54.6 | 56.6 | 59.2 | 59.6 | 60.0 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 12000 | 9.8 | 52.3 | 55.5 | 57.7 | 60.3 | 60.8 | 61.5 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 10000 | 9.9 | 53.9 | 57.6 | 60.4 | 63.0 | 63.6 | 64.2 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 9000 | 9.9 | 54.1 | 58.0 | 60.7 | 63.3 | 63.9 | 64.5 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 8000 | 10.0 | 55.7 | 59.8 | 62.6 | 65.9 | 66.6 | 67.3 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 7000 | 10.1 | 56.5 | 60.7 | 63.6 | 66.8 | 67.6 | 68.3 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 6000 | 10.2 | 57.2 | 61.4 | 64.2 | 67.5 | 68.3 | 68.9 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 5000 | 10.2 | 58.0 | 62.2 | 65.1 | 68.4 | 69.3 | 69.9 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 4500 | 10.2 | 58.5 | 62.9 | 65.8 | 69.0 | 69.9 | 70.6 | 70.9 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 4000 | 10.2 | 59.4 | 63.9 | 66.7 | 70.1 | 71.0 | 71.7 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 3500 | 10.4 | 60.6 | 65.2 | 67.9 | 71.6 | 72.4 | 73.1 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 3000 | 10.5 | 65.5 | 73.4 | 73.4 | 77.6 | 78.7 | 79.4 | 79.9 | 79.9 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 2500 | 10.9 | 67.2 | 72.2 | 75.4 | 79.6 | 80.7 | 81.4 | 82.0 | 82.0 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 2000 | 10.9 | 68.8 | 73.9 | 77.3 | 81.8 | 82.9 | 83.8 | 84.3 | 84.3 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 1800 | 10.9 | 68.8 | 73.9 | 77.3 | 81.8 | 82.9 | 83.8 | 84.3 | 84.3 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 1500 | 10.9 | 69.6 | 75.0 | 78.5 | 83.3 | 84.4 | 85.4 | 86.1 | 86.1 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 1200 | 10.9 | 70.5 | 76.0 | 79.9 | 84.9 | 85.9 | 86.9 | 87.7 | 87.7 | 87.9 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 |
| ≥ 1000 | 10.9 | 70.7 | 76.2 | 80.4 | 86.1 | 87.2 | 88.3 | 89.2 | 89.2 | 89.7 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 |
| ≥ 900 | 10.9 | 70.7 | 76.3 | 80.5 | 86.2 | 87.3 | 88.5 | 89.5 | 89.5 | 89.9 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 800 | 10.9 | 71.1 | 76.9 | 81.2 | 87.0 | 88.1 | 89.4 | 90.5 | 90.5 | 90.9 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 700 | 10.9 | 71.1 | 77.2 | 81.6 | 87.5 | 88.7 | 90.3 | 91.4 | 91.4 | 91.9 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 600 | 10.9 | 71.4 | 77.5 | 82.3 | 88.7 | 90.1 | 91.9 | 93.3 | 93.3 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 500 | 10.9 | 71.4 | 77.5 | 82.3 | 88.9 | 90.5 | 92.4 | 94.7 | 94.7 | 95.2 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 400 | 10.9 | 71.5 | 77.6 | 82.5 | 89.5 | 91.0 | 93.4 | 96.2 | 96.3 | 97.0 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 300 | 10.9 | 71.5 | 77.6 | 82.5 | 89.5 | 91.0 | 93.5 | 96.4 | 96.4 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 200 | 10.9 | 71.6 | 77.7 | 82.7 | 89.6 | 91.1 | 93.6 | 96.9 | 97.3 | 98.9 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 10.9 | 71.6 | 77.7 | 82.7 | 89.6 | 91.1 | 93.6 | 96.9 | 97.3 | 98.9 | 99.2 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 |
| ≥ 0 | 10.9 | 71.6 | 77.7 | 82.7 | 89.6 | 91.1 | 93.6 | 96.9 | 97.3 | 98.9 | 99.2 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 9.1 | 45.8 | 49.1 | 50.4 | 52.7 | 53.1 | 53.7 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 20000 | 9.7 | 51.3 | 54.7 | 56.5 | 59.2 | 59.6 | 60.8 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 18000 | 9.7 | 51.5 | 54.9 | 56.7 | 59.5 | 59.8 | 61.7 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| ≥ 16000 | 9.7 | 51.5 | 54.9 | 56.7 | 59.5 | 59.8 | 61.0 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| ≥ 14000 | 9.7 | 51.8 | 55.5 | 57.4 | 60.1 | 60.4 | 61.8 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 12000 | 10.0 | 53.2 | 57.1 | 59.0 | 61.8 | 62.1 | 63.5 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 10000 | 10.1 | 54.9 | 59.5 | 61.4 | 64.3 | 64.6 | 66.0 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 9000 | 10.1 | 55.2 | 59.7 | 61.6 | 64.5 | 64.8 | 66.4 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 8000 | 10.3 | 56.8 | 61.5 | 63.6 | 66.9 | 67.3 | 68.9 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 7000 | 10.3 | 58.1 | 62.9 | 65.1 | 68.5 | 68.8 | 70.4 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 6000 | 10.3 | 58.7 | 63.4 | 65.6 | 69.0 | 69.3 | 71.0 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 5000 | 10.3 | 60.0 | 65.1 | 67.4 | 70.8 | 71.2 | 72.9 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 4500 | 10.3 | 60.5 | 65.6 | 67.9 | 71.3 | 71.8 | 73.4 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 4000 | 10.3 | 62.0 | 67.6 | 70.1 | 73.6 | 74.3 | 75.9 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 3500 | 10.3 | 62.7 | 68.5 | 71.1 | 74.6 | 75.3 | 76.9 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 3000 | 10.4 | 66.4 | 72.6 | 75.5 | 79.6 | 80.4 | 82.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 2500 | 10.4 | 67.3 | 74.1 | 77.1 | 81.4 | 82.4 | 84.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 2000 | 10.4 | 68.7 | 75.5 | 78.8 | 83.6 | 84.6 | 86.8 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 1800 | 10.4 | 68.9 | 75.7 | 79.0 | 83.8 | 84.8 | 87.0 | 88.2 | 88.2 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 1500 | 10.4 | 69.2 | 76.3 | 79.7 | 84.4 | 85.7 | 88.1 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 1200 | 10.4 | 69.7 | 76.7 | 80.1 | 85.1 | 86.3 | 88.7 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1000 | 10.4 | 69.8 | 76.8 | 80.4 | 86.2 | 87.4 | 89.8 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 900 | 10.4 | 69.8 | 76.8 | 80.5 | 86.3 | 87.6 | 90.1 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 800 | 10.4 | 69.8 | 76.8 | 80.8 | 86.7 | 88.1 | 90.7 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 700 | 10.4 | 69.9 | 76.9 | 81.0 | 87.1 | 88.6 | 91.2 | 92.6 | 92.6 | 92.7 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 600 | 10.4 | 70.1 | 77.4 | 81.8 | 88.8 | 89.9 | 92.6 | 94.2 | 94.2 | 94.5 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 500 | 10.4 | 70.9 | 78.4 | 82.9 | 89.9 | 91.3 | 94.5 | 96.2 | 96.2 | 96.3 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 400 | 10.4 | 71.0 | 78.5 | 83.0 | 90.2 | 91.6 | 95.2 | 96.9 | 97.3 | 97.7 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 300 | 10.4 | 71.0 | 78.5 | 83.1 | 90.5 | 92.0 | 95.5 | 97.6 | 98.0 | 98.6 | 99.2 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 10.4 | 71.0 | 78.5 | 83.1 | 90.5 | 92.0 | 95.5 | 97.7 | 98.1 | 98.7 | 99.3 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 10.4 | 71.0 | 78.5 | 83.1 | 90.5 | 92.0 | 95.5 | 97.7 | 98.1 | 98.7 | 99.3 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 10.4 | 71.0 | 78.5 | 83.1 | 90.5 | 92.0 | 95.5 | 97.7 | 98.1 | 98.7 | 99.3 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 9.3 | 42.7 | 45.8 | 47.4 | 50.7 | 51.6 | 53.3 | 54.6 | 54.7 | 55.8 | 55.9 | 56.2 | 56.4 | 56.4 | 56.4 | 56.5 |
| ≥ 20000 | 9.4 | 45.6 | 48.9 | 51.7 | 55.1 | 56.1 | 58.3 | 60.0 | 60.1 | 61.7 | 61.8 | 62.1 | 62.3 | 62.3 | 62.4 | 62.5 |
| ≥ 18000 | 9.4 | 45.6 | 48.9 | 51.7 | 55.1 | 56.1 | 58.3 | 60.0 | 60.1 | 61.7 | 61.8 | 62.1 | 62.3 | 62.3 | 62.4 | 62.5 |
| ≥ 16000 | 9.4 | 45.6 | 48.9 | 51.7 | 55.1 | 56.1 | 58.3 | 60.0 | 60.1 | 61.7 | 61.8 | 62.1 | 62.3 | 62.3 | 62.4 | 62.5 |
| ≥ 14000 | 9.4 | 45.9 | 49.1 | 52.0 | 55.3 | 56.3 | 58.5 | 60.2 | 60.3 | 61.9 | 62.0 | 62.3 | 62.5 | 62.5 | 62.6 | 62.7 |
| ≥ 12000 | 9.4 | 46.2 | 49.7 | 52.8 | 55.9 | 56.9 | 59.0 | 60.8 | 60.9 | 62.4 | 62.5 | 62.9 | 63.1 | 63.1 | 63.2 | 63.3 |
| ≥ 10000 | 9.4 | 48.0 | 51.7 | 54.9 | 58.4 | 59.4 | 61.8 | 63.4 | 63.5 | 65.0 | 65.3 | 65.6 | 65.9 | 65.9 | 66.0 | 66.1 |
| ≥ 9000 | 9.4 | 48.0 | 51.7 | 55.0 | 58.5 | 59.4 | 61.8 | 63.4 | 63.7 | 65.3 | 65.5 | 65.8 | 66.1 | 66.1 | 66.2 | 66.3 |
| ≥ 8000 | 10.3 | 51.9 | 56.0 | 59.4 | 63.3 | 64.8 | 66.8 | 69.0 | 69.1 | 70.6 | 70.8 | 71.1 | 71.5 | 71.5 | 71.6 | 71.7 |
| ≥ 7000 | 10.3 | 52.2 | 56.5 | 59.9 | 63.8 | 65.0 | 67.3 | 69.5 | 69.6 | 71.1 | 71.4 | 71.7 | 72.0 | 72.0 | 72.1 | 72.2 |
| ≥ 6000 | 10.3 | 52.3 | 56.9 | 60.3 | 64.3 | 65.5 | 67.8 | 69.9 | 70.0 | 71.6 | 71.8 | 72.1 | 72.4 | 72.4 | 72.5 | 72.7 |
| ≥ 5000 | 10.3 | 52.9 | 57.5 | 61.0 | 64.9 | 66.2 | 68.4 | 70.6 | 70.9 | 72.3 | 72.7 | 73.0 | 73.3 | 73.3 | 73.4 | 73.5 |
| ≥ 4500 | 10.3 | 53.6 | 58.3 | 62.1 | 66.2 | 67.8 | 69.9 | 72.1 | 72.2 | 73.7 | 74.0 | 74.3 | 74.6 | 74.6 | 74.7 | 74.8 |
| ≥ 4000 | 10.3 | 54.5 | 59.4 | 63.2 | 67.4 | 68.7 | 71.1 | 73.3 | 73.4 | 74.9 | 75.2 | 75.5 | 75.8 | 75.8 | 75.9 | 76.0 |
| ≥ 3500 | 10.3 | 54.5 | 59.4 | 63.2 | 67.4 | 68.7 | 71.1 | 73.3 | 73.4 | 74.9 | 75.2 | 75.5 | 75.8 | 75.8 | 75.9 | 76.0 |
| ≥ 3000 | 10.3 | 56.2 | 62.3 | 66.9 | 71.8 | 72.8 | 75.3 | 77.5 | 77.7 | 79.2 | 79.4 | 79.7 | 80.1 | 80.1 | 80.2 | 80.3 |
| ≥ 2500 | 10.3 | 56.6 | 62.9 | 67.2 | 72.3 | 73.6 | 76.1 | 78.3 | 78.5 | 80.1 | 80.3 | 80.6 | 80.9 | 80.9 | 81.0 | 81.2 |
| ≥ 2000 | 10.3 | 56.8 | 63.1 | 67.3 | 72.5 | 73.8 | 76.3 | 78.5 | 79.0 | 80.7 | 80.9 | 81.3 | 81.6 | 81.6 | 81.7 | 81.8 |
| ≥ 1800 | 10.3 | 56.8 | 63.1 | 67.3 | 72.5 | 73.8 | 76.3 | 78.5 | 79.0 | 80.7 | 80.9 | 81.3 | 81.6 | 81.6 | 81.7 | 81.8 |
| ≥ 1500 | 10.3 | 57.0 | 63.3 | 67.5 | 72.7 | 74.0 | 76.5 | 78.7 | 79.2 | 81.3 | 81.5 | 81.8 | 82.1 | 82.1 | 82.2 | 82.4 |
| ≥ 1200 | 10.3 | 57.0 | 63.3 | 67.5 | 72.7 | 74.0 | 76.5 | 78.7 | 79.2 | 81.3 | 81.5 | 81.8 | 82.1 | 82.1 | 82.2 | 82.4 |
| ≥ 1000 | 10.3 | 57.2 | 63.5 | 67.7 | 73.0 | 74.3 | 76.8 | 79.0 | 79.5 | 81.7 | 81.9 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |
| ≥ 900 | 10.3 | 57.2 | 63.5 | 67.7 | 73.0 | 74.3 | 76.8 | 79.0 | 79.5 | 81.7 | 81.9 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |
| ≥ 800 | 10.3 | 57.2 | 63.5 | 67.7 | 73.0 | 74.3 | 76.8 | 79.0 | 79.5 | 81.7 | 81.9 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |
| ≥ 700 | 10.3 | 57.2 | 63.5 | 67.7 | 73.0 | 74.3 | 76.8 | 79.0 | 79.5 | 81.7 | 81.9 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |
| ≥ 600 | 10.3 | 57.2 | 63.5 | 67.7 | 73.0 | 74.3 | 76.8 | 79.0 | 79.5 | 81.7 | 81.9 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |
| ≥ 500 | 10.3 | 57.2 | 63.5 | 67.7 | 73.0 | 74.3 | 76.8 | 79.0 | 79.5 | 81.7 | 81.9 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |
| ≥ 400 | 10.3 | 57.2 | 63.5 | 67.7 | 73.0 | 74.3 | 76.8 | 79.0 | 79.5 | 81.7 | 81.9 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |
| ≥ 300 | 10.3 | 57.2 | 63.5 | 67.7 | 73.0 | 74.3 | 76.8 | 79.0 | 79.5 | 81.7 | 81.9 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |
| ≥ 200 | 10.3 | 57.2 | 63.5 | 67.7 | 73.0 | 74.3 | 76.8 | 79.0 | 79.5 | 81.7 | 81.9 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |
| ≥ 100 | 10.3 | 57.2 | 63.5 | 67.7 | 73.0 | 74.3 | 76.8 | 79.0 | 79.5 | 81.7 | 81.9 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |
| ≥ 0 | 10.3 | 57.2 | 63.5 | 67.7 | 73.0 | 74.3 | 76.8 | 79.0 | 79.5 | 81.7 | 81.9 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 8.2 | 41.2 | 44.3 | 46.1 | 48.5 | 49.0 | 50.2 | 51.1 | 51.2 | 51.7 | 52.0 | 52.1 | 52.3 | 52.5 | 52.6 | 52.9 |
| ≥ 20000 | 8.5 | 44.9 | 48.3 | 50.7 | 53.9 | 54.0 | 55.6 | 56.7 | 56.8 | 57.5 | 57.9 | 58.0 | 58.2 | 58.4 | 58.5 | 58.9 |
| ≥ 18000 | 8.5 | 45.0 | 48.5 | 50.8 | 53.5 | 54.1 | 55.7 | 56.8 | 56.9 | 57.7 | 58.0 | 58.1 | 58.3 | 58.5 | 58.7 | 59.0 |
| ≥ 16000 | 8.5 | 45.0 | 48.5 | 50.8 | 53.6 | 54.1 | 55.7 | 56.9 | 56.9 | 57.7 | 58.1 | 58.1 | 58.3 | 58.5 | 58.7 | 59.0 |
| ≥ 14000 | 8.6 | 45.4 | 48.9 | 51.3 | 54.1 | 54.7 | 56.2 | 57.4 | 57.5 | 58.3 | 58.7 | 58.7 | 58.9 | 59.1 | 59.3 | 59.6 |
| ≥ 12000 | 8.7 | 46.4 | 50.1 | 52.5 | 55.3 | 56.0 | 57.7 | 58.9 | 59.0 | 59.8 | 60.2 | 60.3 | 60.4 | 60.7 | 60.8 | 61.2 |
| ≥ 10000 | 8.9 | 48.1 | 52.1 | 54.8 | 57.9 | 58.6 | 60.3 | 61.7 | 61.8 | 62.6 | 63.1 | 63.2 | 63.4 | 63.6 | 63.8 | 64.1 |
| ≥ 9000 | 8.9 | 48.2 | 52.3 | 55.0 | 58.1 | 58.8 | 60.6 | 61.9 | 62.1 | 62.9 | 63.4 | 63.5 | 63.7 | 63.9 | 64.1 | 64.4 |
| ≥ 8000 | 9.1 | 50.8 | 55.3 | 58.4 | 61.8 | 62.6 | 64.5 | 66.1 | 66.3 | 67.2 | 67.7 | 67.8 | 68.0 | 68.3 | 68.4 | 68.8 |
| ≥ 7000 | 9.2 | 51.6 | 56.3 | 59.4 | 62.9 | 63.7 | 65.7 | 67.2 | 67.4 | 68.4 | 68.9 | 69.0 | 69.2 | 69.4 | 69.6 | 70.0 |
| ≥ 6000 | 9.2 | 51.9 | 56.6 | 59.8 | 63.3 | 64.1 | 66.1 | 67.7 | 67.9 | 68.8 | 69.3 | 69.4 | 69.6 | 69.9 | 70.0 | 70.4 |
| ≥ 5000 | 9.2 | 52.7 | 57.5 | 60.7 | 64.2 | 65.2 | 67.2 | 68.8 | 68.9 | 69.9 | 70.4 | 70.5 | 70.7 | 71.0 | 71.1 | 71.5 |
| ≥ 4500 | 9.2 | 53.1 | 57.9 | 61.2 | 64.8 | 65.8 | 67.8 | 69.4 | 69.6 | 70.6 | 71.1 | 71.2 | 71.4 | 71.6 | 71.8 | 72.2 |
| ≥ 4000 | 9.2 | 54.1 | 59.1 | 62.5 | 66.2 | 67.2 | 69.2 | 70.8 | 71.0 | 72.0 | 72.5 | 72.6 | 72.8 | 73.0 | 73.2 | 73.6 |
| ≥ 3500 | 9.3 | 54.4 | 59.5 | 62.9 | 66.7 | 67.6 | 69.7 | 71.3 | 71.5 | 72.5 | 73.0 | 73.1 | 73.3 | 73.5 | 73.7 | 74.1 |
| ≥ 3000 | 9.3 | 57.0 | 62.7 | 66.4 | 70.6 | 71.7 | 73.9 | 75.7 | 75.8 | 76.9 | 77.4 | 77.5 | 77.7 | 78.0 | 78.2 | 78.5 |
| ≥ 2500 | 9.4 | 57.7 | 63.5 | 67.4 | 71.7 | 72.8 | 75.0 | 76.9 | 77.0 | 78.1 | 78.6 | 78.7 | 78.9 | 79.2 | 79.4 | 79.8 |
| ≥ 2000 | 9.4 | 58.5 | 64.3 | 68.3 | 72.7 | 73.8 | 76.2 | 78.1 | 78.2 | 79.3 | 79.9 | 80.0 | 80.2 | 80.4 | 80.6 | 81.0 |
| ≥ 1800 | 9.4 | 58.5 | 64.4 | 68.3 | 72.7 | 73.9 | 76.2 | 78.1 | 78.3 | 79.4 | 79.9 | 80.0 | 80.2 | 80.5 | 80.7 | 81.1 |
| ≥ 1500 | 9.4 | 59.0 | 65.0 | 69.0 | 73.9 | 74.7 | 77.1 | 79.1 | 79.2 | 80.4 | 80.9 | 81.0 | 81.3 | 81.5 | 81.7 | 82.1 |
| ≥ 1200 | 9.4 | 59.4 | 65.4 | 69.5 | 74.1 | 75.1 | 77.7 | 79.7 | 79.9 | 81.0 | 81.6 | 81.7 | 81.9 | 82.2 | 82.3 | 82.7 |
| ≥ 1000 | 9.4 | 59.4 | 65.7 | 69.9 | 75.0 | 76.2 | 78.8 | 81.0 | 81.1 | 82.4 | 83.0 | 83.1 | 83.3 | 83.6 | 83.8 | 84.1 |
| ≥ 900 | 9.4 | 59.8 | 65.9 | 70.2 | 75.2 | 76.5 | 79.1 | 81.3 | 81.5 | 82.8 | 83.4 | 83.5 | 83.7 | 84.0 | 84.2 | 84.5 |
| ≥ 800 | 9.4 | 60.0 | 66.2 | 70.6 | 75.9 | 77.2 | 79.9 | 82.2 | 82.3 | 83.6 | 84.3 | 84.4 | 84.6 | 84.9 | 85.1 | 85.5 |
| ≥ 700 | 9.4 | 60.2 | 66.4 | 71.0 | 76.4 | 77.7 | 80.4 | 82.9 | 83.1 | 84.4 | 85.1 | 85.2 | 85.4 | 85.7 | 85.9 | 86.3 |
| ≥ 600 | 9.4 | 60.4 | 66.7 | 71.3 | 77.1 | 78.0 | 81.6 | 84.0 | 84.2 | 85.7 | 86.3 | 86.5 | 86.7 | 87.0 | 87.2 | 87.6 |
| ≥ 500 | 9.4 | 60.4 | 67.0 | 71.9 | 77.8 | 79.4 | 82.7 | 85.7 | 85.9 | 87.7 | 88.5 | 88.7 | 89.0 | 89.3 | 89.5 | 89.9 |
| ≥ 400 | 9.4 | 60.7 | 67.1 | 72.1 | 78.3 | 80.0 | 83.4 | 86.8 | 87.1 | 89.2 | 90.4 | 90.6 | 91.0 | 91.4 | 91.6 | 92.0 |
| ≥ 300 | 9.4 | 60.8 | 67.2 | 72.3 | 78.5 | 80.2 | 83.8 | 87.8 | 87.9 | 90.5 | 92.0 | 92.3 | 92.9 | 93.4 | 93.6 | 94.0 |
| ≥ 200 | 9.4 | 60.8 | 67.3 | 72.3 | 78.6 | 80.4 | 84.1 | 88.0 | 88.5 | 91.4 | 93.2 | 93.6 | 94.6 | 95.4 | 95.8 | 96.4 |
| ≥ 100 | 9.4 | 60.8 | 67.3 | 72.4 | 78.6 | 80.4 | 84.1 | 88.0 | 88.5 | 91.5 | 93.4 | 93.8 | 95.0 | 96.3 | 97.0 | 98.4 |
| ≥ 0 | 9.4 | 60.8 | 67.3 | 72.4 | 78.6 | 80.4 | 84.1 | 88.0 | 88.5 | 91.5 | 93.4 | 93.8 | 95.0 | 96.3 | 97.1 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS 7291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 5.8 | 40.5 | 42.9 | 44.7 | 46.5 | 47.1 | 47.9 | 49.0 | 49.4 | 50.2 | 50.2 | 50.2 | 50.5 | 50.6 | 50.7 | 51.5 |
| ≥ 20000 | 6.1 | 43.3 | 45.8 | 47.9 | 49.8 | 50.3 | 51.1 | 52.5 | 53.1 | 54.0 | 54.1 | 54.1 | 54.3 | 54.4 | 54.5 | 55.3 |
| 18000 | 6.2 | 43.3 | 45.8 | 47.9 | 49.8 | 50.3 | 51.1 | 52.5 | 53.1 | 54.0 | 54.1 | 54.1 | 54.3 | 54.4 | 54.5 | 55.3 |
| 16000 | 6.1 | 43.3 | 45.8 | 47.9 | 49.8 | 50.3 | 51.1 | 52.5 | 53.1 | 54.0 | 54.1 | 54.1 | 54.3 | 54.4 | 54.5 | 55.3 |
| 14000 | 6.1 | 43.4 | 45.9 | 48.0 | 49.9 | 50.5 | 51.2 | 52.6 | 53.2 | 54.1 | 54.2 | 54.2 | 54.4 | 54.5 | 54.6 | 55.4 |
| 12000 | 6.1 | 44.3 | 46.9 | 49.0 | 50.9 | 51.5 | 52.3 | 53.6 | 54.2 | 55.1 | 55.2 | 55.2 | 55.4 | 55.5 | 55.7 | 56.4 |
| 10000 | 6.6 | 47.1 | 50.2 | 52.3 | 54.2 | 55.0 | 55.9 | 57.2 | 57.8 | 58.7 | 58.8 | 58.8 | 59.0 | 59.2 | 59.3 | 60.1 |
| 9000 | 6.6 | 47.3 | 50.5 | 52.5 | 54.4 | 55.2 | 56.2 | 57.4 | 58.3 | 59.2 | 59.3 | 59.3 | 59.5 | 59.6 | 59.7 | 60.5 |
| 8000 | 7.4 | 50.5 | 54.3 | 56.7 | 59.0 | 60.0 | 61.0 | 62.6 | 63.2 | 64.1 | 64.3 | 64.3 | 64.5 | 64.6 | 64.7 | 65.5 |
| 7000 | 7.6 | 51.9 | 55.8 | 58.1 | 60.5 | 61.9 | 62.9 | 64.0 | 64.7 | 65.6 | 65.7 | 65.7 | 66.0 | 66.2 | 66.3 | 67.1 |
| 6000 | 7.6 | 52.9 | 56.8 | 59.2 | 61.5 | 62.9 | 63.5 | 65.0 | 65.7 | 66.6 | 66.7 | 66.7 | 67.0 | 67.2 | 67.3 | 68.1 |
| 5000 | 7.6 | 53.8 | 57.8 | 60.2 | 62.6 | 63.5 | 64.5 | 66.2 | 66.9 | 67.9 | 68.0 | 68.0 | 68.3 | 68.6 | 68.7 | 69.5 |
| 4500 | 7.6 | 54.6 | 58.6 | 61.2 | 63.6 | 64.5 | 65.5 | 67.2 | 67.9 | 68.9 | 69.0 | 69.0 | 69.3 | 69.6 | 69.7 | 70.5 |
| 4000 | 7.6 | 55.8 | 59.7 | 62.4 | 65.2 | 66.1 | 67.1 | 68.8 | 69.5 | 70.5 | 70.6 | 70.6 | 70.9 | 71.2 | 71.3 | 72.1 |
| 3500 | 7.6 | 56.7 | 60.7 | 63.7 | 66.4 | 67.4 | 68.4 | 70.2 | 70.9 | 71.9 | 72.1 | 72.1 | 72.4 | 72.6 | 72.7 | 73.5 |
| 3000 | 7.6 | 58.5 | 62.9 | 66.6 | 69.8 | 70.9 | 71.9 | 73.8 | 74.4 | 75.5 | 75.6 | 75.6 | 75.9 | 76.1 | 76.2 | 77.0 |
| 2500 | 7.9 | 59.3 | 64.0 | 67.8 | 71.4 | 72.6 | 73.6 | 75.5 | 76.1 | 77.3 | 77.4 | 77.4 | 77.7 | 77.9 | 78.1 | 78.8 |
| 2000 | 7.9 | 60.0 | 64.7 | 68.6 | 72.2 | 73.4 | 74.7 | 76.5 | 77.1 | 78.3 | 78.4 | 78.4 | 78.7 | 79.0 | 79.1 | 79.9 |
| 1800 | 7.9 | 60.0 | 64.7 | 68.6 | 72.2 | 73.4 | 74.7 | 76.5 | 77.1 | 78.3 | 78.4 | 78.4 | 78.7 | 79.0 | 79.1 | 79.9 |
| 1500 | 7.9 | 60.2 | 65.4 | 69.5 | 73.3 | 74.5 | 75.8 | 77.6 | 78.3 | 79.4 | 79.5 | 79.5 | 79.9 | 80.1 | 80.2 | 81.0 |
| 1200 | 7.9 | 61.0 | 66.2 | 70.4 | 74.2 | 75.5 | 76.7 | 78.6 | 79.3 | 80.4 | 80.5 | 80.5 | 80.9 | 81.1 | 81.2 | 82.0 |
| 1000 | 7.9 | 61.3 | 66.9 | 71.0 | 75.0 | 76.4 | 77.6 | 79.4 | 80.3 | 81.4 | 81.6 | 81.6 | 81.9 | 82.1 | 82.2 | 83.0 |
| 900 | 7.9 | 61.3 | 67.0 | 71.3 | 75.5 | 76.8 | 78.1 | 80.1 | 80.8 | 81.9 | 82.0 | 82.0 | 82.4 | 82.6 | 82.7 | 83.5 |
| 800 | 7.9 | 61.5 | 67.3 | 71.8 | 76.2 | 77.6 | 79.1 | 81.1 | 81.8 | 82.9 | 83.0 | 83.0 | 83.4 | 83.6 | 83.7 | 84.5 |
| 700 | 7.9 | 61.8 | 67.9 | 72.5 | 76.9 | 78.3 | 79.8 | 81.8 | 82.5 | 83.6 | 83.7 | 83.7 | 84.0 | 84.3 | 84.4 | 85.2 |
| 600 | 7.9 | 61.8 | 67.9 | 72.7 | 77.1 | 78.5 | 80.1 | 82.4 | 83.0 | 84.3 | 84.4 | 84.4 | 84.7 | 85.0 | 85.1 | 85.9 |
| 500 | 7.9 | 61.9 | 68.1 | 74.0 | 78.6 | 80.2 | 82.2 | 84.8 | 85.5 | 86.8 | 87.2 | 87.2 | 87.6 | 87.8 | 87.9 | 88.7 |
| 400 | 7.9 | 61.9 | 68.2 | 74.3 | 79.0 | 80.5 | 82.7 | 85.4 | 86.1 | 87.4 | 87.9 | 87.9 | 88.2 | 88.5 | 88.6 | 89.4 |
| 300 | 7.9 | 61.9 | 68.2 | 74.3 | 79.1 | 80.7 | 83.3 | 86.1 | 87.0 | 88.5 | 89.0 | 89.0 | 89.4 | 89.6 | 89.8 | 90.6 |
| 200 | 7.9 | 61.9 | 68.2 | 74.3 | 79.1 | 80.9 | 83.8 | 87.0 | 88.0 | 89.9 | 90.8 | 90.8 | 91.6 | 92.4 | 92.6 | 93.6 |
| 100 | 7.9 | 61.9 | 68.2 | 74.4 | 79.3 | 81.1 | 84.2 | 87.4 | 88.5 | 90.5 | 91.5 | 91.7 | 92.8 | 94.6 | 95.0 | 96.9 |
| 0 | 7.9 | 61.9 | 68.2 | 74.4 | 79.3 | 81.1 | 84.2 | 87.4 | 88.5 | 90.5 | 91.5 | 91.7 | 92.8 | 94.7 | 95.4 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS 884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 7.7 | 40.9 | 42.9 | 44.1 | 45.6 | 45.6 | 46.6 | 47.6 | 47.7 | 48.4 | 48.7 | 48.7 | 48.9 | 49.4 | 49.5 | 50.6 |
| ≥ 20000 | 7.7 | 44.0 | 46.1 | 47.8 | 49.4 | 49.4 | 50.5 | 51.6 | 51.7 | 52.7 | 53.3 | 53.3 | 53.6 | 54.1 | 54.2 | 55.3 |
| ≥ 18000 | 7.7 | 44.0 | 46.1 | 47.8 | 49.4 | 49.4 | 50.5 | 51.6 | 51.7 | 52.7 | 53.3 | 53.3 | 53.6 | 54.1 | 54.2 | 55.3 |
| ≥ 16000 | 7.7 | 44.0 | 46.1 | 47.8 | 49.4 | 49.4 | 50.5 | 51.6 | 51.7 | 52.7 | 53.3 | 53.3 | 53.6 | 54.1 | 54.2 | 55.3 |
| ≥ 14000 | 7.7 | 44.0 | 46.1 | 47.8 | 49.4 | 49.4 | 50.5 | 51.6 | 51.7 | 52.7 | 53.3 | 53.3 | 53.6 | 54.1 | 54.2 | 55.3 |
| ≥ 12000 | 7.7 | 44.2 | 46.7 | 48.4 | 50.1 | 50.2 | 51.4 | 52.6 | 52.7 | 53.9 | 54.4 | 54.4 | 54.9 | 55.2 | 55.3 | 56.5 |
| ≥ 10000 | 7.9 | 45.6 | 48.3 | 49.9 | 51.6 | 51.9 | 53.2 | 54.4 | 54.7 | 55.9 | 56.5 | 56.5 | 56.9 | 57.4 | 57.6 | 58.7 |
| ≥ 9000 | 7.9 | 45.6 | 48.3 | 49.9 | 51.6 | 51.9 | 53.2 | 54.4 | 54.7 | 55.9 | 56.5 | 56.5 | 56.9 | 57.4 | 57.6 | 58.7 |
| ≥ 8000 | 8.2 | 47.6 | 50.4 | 52.1 | 54.2 | 54.5 | 55.9 | 57.1 | 57.5 | 58.8 | 59.4 | 59.4 | 59.8 | 60.3 | 60.5 | 61.8 |
| ≥ 7000 | 8.2 | 48.8 | 51.6 | 53.4 | 55.6 | 55.9 | 57.4 | 58.6 | 58.9 | 60.4 | 60.9 | 60.9 | 61.4 | 61.8 | 62.1 | 63.4 |
| ≥ 6000 | 8.3 | 50.5 | 53.3 | 55.1 | 57.2 | 57.6 | 59.0 | 60.3 | 60.6 | 62.1 | 62.6 | 62.6 | 63.1 | 63.5 | 63.7 | 65.1 |
| ≥ 5000 | 8.3 | 51.5 | 54.3 | 56.2 | 58.5 | 58.8 | 60.4 | 61.6 | 62.0 | 63.5 | 64.2 | 64.2 | 64.6 | 65.1 | 65.3 | 66.7 |
| ≥ 4500 | 8.3 | 52.4 | 55.4 | 57.6 | 60.0 | 60.4 | 62.0 | 63.2 | 63.5 | 65.1 | 65.8 | 65.8 | 66.2 | 66.7 | 66.9 | 68.2 |
| ≥ 4000 | 8.3 | 53.8 | 57.0 | 59.4 | 61.8 | 62.3 | 64.0 | 65.2 | 65.5 | 67.1 | 67.8 | 67.8 | 68.2 | 68.7 | 68.9 | 70.3 |
| ≥ 3500 | 8.3 | 54.2 | 57.5 | 60.2 | 62.6 | 63.1 | 64.8 | 66.0 | 66.4 | 68.0 | 68.7 | 68.7 | 69.1 | 69.6 | 69.8 | 71.2 |
| ≥ 3000 | 8.3 | 55.6 | 59.1 | 62.2 | 65.0 | 65.4 | 67.1 | 68.7 | 69.1 | 70.7 | 71.4 | 71.4 | 72.3 | 72.7 | 73.0 | 74.3 |
| ≥ 2500 | 8.4 | 56.1 | 59.8 | 62.9 | 65.7 | 66.1 | 67.9 | 69.5 | 69.9 | 71.5 | 72.2 | 72.3 | 73.1 | 73.5 | 73.7 | 75.1 |
| ≥ 2000 | 8.4 | 56.5 | 60.3 | 63.3 | 66.6 | 67.0 | 69.0 | 70.4 | 71.0 | 72.6 | 73.3 | 73.9 | 74.2 | 74.6 | 74.9 | 76.2 |
| ≥ 1800 | 8.4 | 56.7 | 60.4 | 63.6 | 66.9 | 67.3 | 69.4 | 70.9 | 71.4 | 73.0 | 73.6 | 73.7 | 74.5 | 75.0 | 75.2 | 76.5 |
| ≥ 1500 | 8.4 | 57.7 | 61.7 | 65.2 | 68.6 | 69.1 | 71.3 | 72.8 | 73.3 | 74.9 | 75.5 | 75.6 | 76.4 | 76.9 | 77.1 | 78.5 |
| ≥ 1200 | 8.4 | 58.0 | 62.1 | 65.5 | 68.9 | 69.9 | 71.6 | 73.2 | 73.6 | 75.2 | 75.9 | 76.0 | 76.8 | 77.2 | 77.4 | 78.8 |
| ≥ 1000 | 8.4 | 58.3 | 62.2 | 65.7 | 69.1 | 69.7 | 71.8 | 73.4 | 73.8 | 75.4 | 76.1 | 76.2 | 77.0 | 77.4 | 77.7 | 79.0 |
| ≥ 900 | 8.4 | 58.4 | 62.4 | 66.0 | 69.4 | 70.4 | 72.8 | 74.1 | 74.5 | 76.4 | 77.1 | 77.2 | 78.0 | 78.5 | 78.7 | 80.0 |
| ≥ 800 | 8.4 | 58.5 | 63.0 | 66.4 | 70.5 | 71.0 | 73.4 | 75.1 | 75.5 | 77.4 | 78.1 | 78.2 | 79.0 | 79.5 | 79.7 | 81.0 |
| ≥ 700 | 8.4 | 58.6 | 63.2 | 66.6 | 70.9 | 71.5 | 73.8 | 75.5 | 76.0 | 77.9 | 78.7 | 78.8 | 79.6 | 80.0 | 80.2 | 81.6 |
| ≥ 600 | 8.4 | 58.7 | 63.4 | 67.0 | 71.2 | 71.7 | 74.1 | 75.9 | 76.3 | 78.3 | 79.3 | 79.3 | 80.2 | 80.7 | 80.9 | 82.3 |
| ≥ 500 | 8.4 | 58.8 | 63.7 | 67.6 | 71.9 | 72.5 | 75.4 | 78.1 | 78.7 | 81.0 | 82.0 | 82.0 | 82.9 | 83.5 | 83.7 | 85.1 |
| ≥ 400 | 8.4 | 58.8 | 63.7 | 68.0 | 73.6 | 73.6 | 77.0 | 79.6 | 80.4 | 83.1 | 84.2 | 84.5 | 85.3 | 85.9 | 86.2 | 87.5 |
| ≥ 300 | 8.4 | 58.9 | 63.9 | 68.2 | 73.2 | 73.6 | 77.3 | 80.7 | 81.3 | 84.3 | 85.9 | 86.0 | 87.3 | 88.0 | 88.3 | 89.7 |
| ≥ 200 | 8.4 | 58.9 | 63.9 | 68.2 | 73.2 | 73.6 | 77.3 | 81.1 | 81.8 | 85.7 | 87.9 | 88.0 | 89.9 | 90.9 | 91.9 | 92.8 |
| ≥ 100 | 8.4 | 58.9 | 63.9 | 68.2 | 73.2 | 73.6 | 77.3 | 81.4 | 82.2 | 86.4 | 88.7 | 89.0 | 91.0 | 92.7 | 93.7 | 97.1 |
| ≥ 0 | 8.4 | 58.9 | 63.9 | 68.2 | 73.2 | 73.6 | 77.3 | 81.4 | 82.2 | 86.4 | 88.7 | 89.0 | 91.0 | 92.8 | 93.9 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0800
HOURS (L.E.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 6.3 | 41.3 | 43.2 | 44.5 | 45.2 | 45.4 | 46.2 | 46.3 | 46.5 | 47.3 | 47.5 | 47.5 | 48.2 | 48.2 | 48.3 | 49.2 |
| ≥ 20000 | 6.3 | 44.2 | 46.7 | 48.1 | 49.0 | 49.2 | 50.3 | 50.8 | 51.0 | 52.1 | 52.6 | 52.6 | 53.4 | 53.4 | 53.5 | 54.6 |
| ≥ 18000 | 6.3 | 44.2 | 46.7 | 48.1 | 49.0 | 49.2 | 50.3 | 50.8 | 51.0 | 52.1 | 52.6 | 52.6 | 53.4 | 53.4 | 53.5 | 54.6 |
| ≥ 16000 | 6.3 | 44.2 | 46.7 | 48.1 | 49.0 | 49.2 | 50.3 | 50.8 | 51.0 | 52.1 | 52.6 | 52.6 | 53.4 | 53.4 | 53.5 | 54.6 |
| ≥ 14000 | 6.3 | 44.6 | 47.1 | 48.6 | 49.7 | 49.9 | 51.1 | 51.6 | 51.8 | 52.9 | 53.4 | 53.4 | 54.2 | 54.2 | 54.3 | 55.4 |
| ≥ 12000 | 6.3 | 45.4 | 48.3 | 50.0 | 51.0 | 51.2 | 52.6 | 53.1 | 53.3 | 54.8 | 55.2 | 55.2 | 56.0 | 56.0 | 56.1 | 57.2 |
| ≥ 10000 | 6.4 | 47.2 | 50.7 | 52.5 | 54.1 | 54.4 | 56.2 | 56.7 | 56.9 | 58.4 | 58.8 | 58.8 | 59.6 | 59.6 | 59.7 | 60.9 |
| ≥ 9000 | 6.4 | 47.4 | 50.9 | 52.7 | 54.3 | 54.6 | 56.4 | 56.9 | 57.1 | 58.6 | 59.0 | 59.0 | 59.8 | 59.8 | 60.0 | 61.1 |
| ≥ 8000 | 6.4 | 49.7 | 53.5 | 55.4 | 57.5 | 57.8 | 59.8 | 61.0 | 61.2 | 62.8 | 63.6 | 63.6 | 64.6 | 64.6 | 64.8 | 66.0 |
| ≥ 7000 | 6.4 | 50.2 | 54.1 | 56.0 | 58.1 | 58.5 | 60.6 | 61.9 | 62.1 | 63.8 | 64.6 | 64.6 | 65.6 | 65.6 | 65.8 | 67.0 |
| ≥ 6000 | 6.4 | 51.2 | 55.2 | 57.1 | 59.3 | 59.6 | 61.8 | 63.0 | 63.2 | 64.9 | 65.7 | 65.7 | 66.7 | 66.7 | 67.0 | 68.1 |
| ≥ 5000 | 6.4 | 52.4 | 56.6 | 58.7 | 61.0 | 6.3 | 63.8 | 64.7 | 64.9 | 66.7 | 67.5 | 67.5 | 68.6 | 68.6 | 68.8 | 69.9 |
| ≥ 4500 | 6.4 | 53.7 | 57.9 | 60.1 | 62.3 | 62.7 | 64.9 | 66.2 | 66.4 | 68.2 | 69.0 | 69.0 | 70.0 | 70.0 | 70.2 | 71.4 |
| ≥ 4000 | 6.4 | 54.9 | 59.3 | 61.4 | 63.8 | 64.1 | 66.4 | 67.6 | 67.9 | 69.7 | 70.5 | 70.5 | 71.5 | 71.5 | 71.7 | 72.9 |
| ≥ 3500 | 6.4 | 55.9 | 60.3 | 62.4 | 64.8 | 65.2 | 67.4 | 68.7 | 68.9 | 70.7 | 71.5 | 71.5 | 72.5 | 72.5 | 72.7 | 73.9 |
| ≥ 3000 | 6.7 | 56.9 | 61.4 | 63.7 | 66.3 | 66.6 | 69.3 | 71.5 | 71.8 | 74.1 | 75.1 | 75.2 | 76.2 | 76.2 | 76.5 | 77.6 |
| ≥ 2500 | 6.7 | 57.1 | 61.7 | 64.1 | 66.7 | 67.1 | 69.9 | 72.1 | 72.4 | 74.7 | 75.7 | 75.8 | 76.8 | 76.8 | 77.0 | 78.2 |
| ≥ 2000 | 6.7 | 57.4 | 62.0 | 64.7 | 67.4 | 67.8 | 70.6 | 72.7 | 73.1 | 75.3 | 76.4 | 76.5 | 77.5 | 77.5 | 77.7 | 78.8 |
| ≥ 1800 | 6.7 | 57.4 | 62.0 | 64.7 | 67.4 | 67.8 | 70.6 | 72.7 | 73.1 | 75.3 | 76.4 | 76.5 | 77.5 | 77.5 | 77.7 | 78.8 |
| ≥ 1500 | 6.8 | 57.8 | 62.4 | 65.4 | 68.1 | 68.4 | 71.4 | 73.5 | 73.9 | 76.1 | 77.3 | 77.4 | 78.4 | 78.4 | 78.6 | 79.8 |
| ≥ 1200 | 6.9 | 58.0 | 62.7 | 65.8 | 68.6 | 68.9 | 72.2 | 74.4 | 74.9 | 77.1 | 78.3 | 78.4 | 79.5 | 79.5 | 79.8 | 80.9 |
| ≥ 1000 | 6.9 | 58.6 | 63.5 | 66.9 | 69.8 | 70.2 | 73.8 | 76.0 | 76.5 | 78.7 | 79.9 | 80.0 | 81.1 | 81.1 | 81.3 | 82.5 |
| ≥ 900 | 6.9 | 59.0 | 64.4 | 67.8 | 70.7 | 71.2 | 74.7 | 77.1 | 77.6 | 79.9 | 81.0 | 81.1 | 82.2 | 82.2 | 82.5 | 83.6 |
| ≥ 800 | 6.9 | 59.4 | 64.8 | 68.3 | 71.6 | 72.1 | 75.8 | 78.4 | 78.8 | 81.1 | 82.2 | 82.3 | 83.5 | 83.5 | 83.7 | 84.8 |
| ≥ 700 | 7.0 | 59.8 | 65.4 | 69.0 | 72.3 | 72.7 | 76.6 | 79.2 | 79.6 | 81.9 | 83.0 | 83.1 | 84.3 | 84.3 | 84.5 | 85.6 |
| ≥ 600 | 7.0 | 59.8 | 65.5 | 69.2 | 72.6 | 73.1 | 77.0 | 79.9 | 80.3 | 82.6 | 83.7 | 83.8 | 85.0 | 85.0 | 85.2 | 86.3 |
| ≥ 500 | 7.0 | 60.2 | 66.1 | 69.8 | 73.6 | 74.3 | 78.5 | 81.8 | 82.4 | 85.1 | 86.4 | 86.5 | 87.7 | 87.7 | 87.9 | 89.0 |
| ≥ 400 | 7.0 | 60.2 | 66.1 | 69.9 | 73.9 | 74.7 | 79.2 | 82.6 | 83.3 | 86.4 | 87.8 | 87.9 | 89.0 | 89.0 | 89.3 | 90.4 |
| ≥ 300 | 7.0 | 60.3 | 66.2 | 70.2 | 74.3 | 75.2 | 80.0 | 84.0 | 84.7 | 88.5 | 90.8 | 91.0 | 92.4 | 92.6 | 92.9 | 94.1 |
| ≥ 200 | 7.0 | 60.3 | 66.2 | 70.2 | 74.3 | 75.2 | 80.0 | 84.0 | 84.7 | 88.6 | 91.7 | 92.0 | 94.0 | 95.0 | 95.4 | 96.9 |
| ≥ 100 | 7.0 | 60.3 | 66.2 | 70.2 | 74.3 | 75.2 | 80.0 | 84.0 | 84.7 | 88.6 | 91.7 | 92.1 | 94.2 | 95.6 | 96.4 | 98.8 |
| ≥ 0 | 7.1 | 60.4 | 66.3 | 70.4 | 74.4 | 75.3 | 80.1 | 84.2 | 84.8 | 88.7 | 91.9 | 92.2 | 94.3 | 95.7 | 96.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 884

USAF ETAC FORM 7-64 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥1/8 | ≥0 |
| NO CEILING | 8.2 | 45.8 | 47.2 | 48.5 | 48.9 | 49.2 | 49.2 | 49.2 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| ≥ 20000 | 8.4 | 51.9 | 53.5 | 54.8 | 55.3 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 18000 | 8.4 | 51.9 | 53.5 | 54.8 | 55.3 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 16000 | 8.4 | 51.9 | 53.5 | 54.8 | 55.3 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 14000 | 8.4 | 52.1 | 53.9 | 55.4 | 56.0 | 56.3 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 12000 | 8.4 | 52.8 | 54.8 | 56.3 | 57.1 | 57.4 | 57.4 | 57.4 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 10000 | 8.4 | 55.0 | 57.2 | 58.8 | 59.6 | 59.9 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 9000 | 8.4 | 55.2 | 57.4 | 59.0 | 59.8 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 8000 | 8.4 | 58.2 | 60.7 | 62.3 | 63.2 | 63.5 | 63.7 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 7000 | 8.4 | 59.0 | 61.5 | 63.5 | 64.5 | 64.9 | 65.1 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 6000 | 8.4 | 59.8 | 62.4 | 64.6 | 65.8 | 66.1 | 66.3 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 5000 | 8.4 | 62.9 | 63.7 | 66.2 | 67.3 | 67.7 | 67.9 | 68.2 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 4500 | 8.4 | 61.5 | 64.3 | 66.8 | 67.9 | 68.2 | 68.5 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 4000 | 8.4 | 62.5 | 65.4 | 68.0 | 69.1 | 69.5 | 69.7 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 3500 | 8.6 | 63.7 | 66.7 | 69.4 | 70.6 | 70.9 | 71.2 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 3000 | 9.0 | 66.6 | 69.6 | 72.4 | 73.8 | 74.2 | 74.7 | 75.8 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 2500 | 9.1 | 67.6 | 70.7 | 73.8 | 75.1 | 75.6 | 76.0 | 76.9 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 2000 | 9.1 | 68.9 | 72.2 | 75.2 | 76.6 | 77.0 | 77.5 | 78.5 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 1800 | 9.1 | 69.0 | 72.3 | 75.3 | 76.7 | 77.1 | 77.6 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 1500 | 9.1 | 70.8 | 74.2 | 77.3 | 78.8 | 79.3 | 79.8 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 1200 | 9.1 | 71.3 | 75.2 | 78.2 | 79.7 | 80.2 | 80.7 | 81.8 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1000 | 9.1 | 72.3 | 76.4 | 79.6 | 81.4 | 82.0 | 82.7 | 84.0 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 900 | 9.1 | 72.4 | 76.4 | 79.6 | 81.8 | 82.4 | 83.1 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 800 | 9.1 | 73.6 | 78.2 | 81.4 | 83.4 | 84.3 | 85.6 | 87.0 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 700 | 9.1 | 73.9 | 78.4 | 82.2 | 84.4 | 85.5 | 87.2 | 88.6 | 88.9 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 600 | 9.1 | 74.3 | 79.2 | 82.9 | 85.5 | 86.8 | 88.6 | 90.4 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 500 | 9.1 | 74.3 | 79.3 | 83.0 | 86.0 | 87.5 | 89.9 | 91.7 | 92.0 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 400 | 9.1 | 74.3 | 79.3 | 83.0 | 86.4 | 88.0 | 90.3 | 93.0 | 93.5 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 300 | 9.1 | 74.4 | 79.4 | 83.1 | 86.8 | 88.2 | 90.7 | 93.4 | 93.8 | 96.2 | 96.5 | 96.6 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 200 | 9.1 | 74.4 | 79.4 | 83.1 | 86.5 | 88.2 | 90.7 | 93.6 | 94.0 | 96.4 | 96.8 | 97.1 | 98.2 | 98.6 | 98.8 | 98.8 |
| ≥ 100 | 9.1 | 74.4 | 79.4 | 83.1 | 86.5 | 88.2 | 90.7 | 93.6 | 94.0 | 96.4 | 96.8 | 97.1 | 98.3 | 98.9 | 99.0 | 99.8 |
| ≥ 0 | 9.1 | 74.4 | 79.4 | 83.1 | 86.5 | 88.2 | 90.7 | 93.6 | 94.0 | 96.4 | 96.8 | 97.1 | 98.3 | 98.9 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927

BRUNSWICK NAS ME

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.A.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥3/16 | ≥¼ |
| NO CEILING | 8.7 | 43.8 | 44.8 | 46.6 | 47.2 | 47.2 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| ≥ 20000 | 8.8 | 48.6 | 50.2 | 52.3 | 52.9 | 52.9 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| IN 18000 | 8.8 | 48.9 | 50.5 | 52.5 | 53.2 | 53.2 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| IN 16000 | 8.8 | 48.9 | 50.5 | 52.5 | 53.2 | 53.2 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| IN 14000 | 8.8 | 49.3 | 50.9 | 52.9 | 53.6 | 53.6 | 53.8 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| IN 12000 | 8.8 | 50.0 | 51.6 | 53.6 | 54.5 | 54.5 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| IN 10000 | 8.9 | 52.6 | 54.2 | 56.2 | 57.1 | 57.1 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| IN 9000 | 8.9 | 52.9 | 54.5 | 56.7 | 57.6 | 57.6 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| IN 8000 | 9.2 | 56.1 | 57.9 | 60.4 | 61.4 | 61.4 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| IN 7000 | 9.2 | 56.6 | 58.5 | 61.1 | 62.2 | 62.2 | 62.4 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| IN 6000 | 9.2 | 57.0 | 58.9 | 61.5 | 62.7 | 62.7 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| IN 5000 | 9.2 | 58.1 | 60.1 | 62.7 | 63.8 | 63.8 | 64.0 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| IN 4500 | 9.5 | 59.7 | 61.7 | 64.4 | 65.5 | 65.5 | 65.7 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| IN 4000 | 9.7 | 62.0 | 64.3 | 67.0 | 68.1 | 68.1 | 68.3 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| IN 3500 | 9.8 | 63.7 | 66.0 | 68.7 | 69.8 | 69.8 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| IN 3000 | 10.5 | 68.4 | 70.9 | 73.8 | 75.2 | 75.3 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IN 2500 | 10.7 | 70.6 | 73.1 | 75.9 | 77.4 | 77.5 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| IN 2000 | 10.9 | 72.6 | 75.2 | 78.3 | 79.8 | 79.9 | 80.3 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| IN 1800 | 10.9 | 72.9 | 75.5 | 78.6 | 80.1 | 80.2 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| IN 1500 | 10.9 | 75.7 | 78.4 | 81.7 | 83.4 | 83.5 | 83.9 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| IN 1200 | 11.0 | 76.6 | 79.3 | 82.6 | 84.3 | 84.4 | 84.8 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| IN 1000 | 11.3 | 77.6 | 81.1 | 84.6 | 86.5 | 86.7 | 87.1 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IN 900 | 11.0 | 77.9 | 81.7 | 85.6 | 87.7 | 87.8 | 88.2 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| IN 800 | 11.3 | 78.2 | 82.1 | 86.3 | 88.5 | 88.8 | 89.4 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| IN 700 | 11.0 | 78.2 | 82.4 | 86.8 | 89.3 | 89.6 | 90.2 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| IN 600 | 11.0 | 78.5 | 82.9 | 87.6 | 90.4 | 90.8 | 91.5 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IN 500 | 11.0 | 78.5 | 82.9 | 87.6 | 90.4 | 90.8 | 92.3 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IN 400 | 11.0 | 78.7 | 83.1 | 87.9 | 90.8 | 91.3 | 92.9 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| IN 300 | 11.0 | 79.0 | 83.4 | 88.1 | 91.5 | 92.2 | 93.9 | 95.4 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| IN 200 | 11.0 | 79.0 | 83.4 | 88.1 | 91.5 | 92.3 | 94.0 | 95.5 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IN 100 | 11.0 | 79.0 | 83.4 | 88.1 | 91.5 | 92.3 | 94.0 | 95.5 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IN 0 | 11.0 | 79.0 | 83.4 | 88.1 | 91.5 | 92.3 | 94.0 | 95.5 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |

TOTAL NUMBER OF OBSERVATIONS 884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 8.2 | 45.5 | 46.7 | 47.8 | 49.4 | 49.4 | 49.4 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 20000 | 8.5 | 49.7 | 50.8 | 52.3 | 54.2 | 54.2 | 54.2 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 18000 | 8.5 | 50.1 | 51.2 | 52.7 | 54.6 | 54.6 | 54.6 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 16000 | 8.5 | 50.2 | 51.3 | 52.8 | 54.7 | 54.7 | 54.7 | 54.9 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| ≥ 14000 | 8.6 | 50.8 | 52.0 | 53.6 | 55.7 | 55.7 | 55.7 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 12000 | 8.6 | 52.2 | 53.3 | 55.1 | 57.3 | 57.3 | 57.3 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 10000 | 8.8 | 54.2 | 55.4 | 57.2 | 59.3 | 59.3 | 59.7 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 9000 | 8.8 | 54.5 | 55.6 | 57.4 | 59.5 | 59.5 | 59.9 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 8000 | 9.0 | 59.1 | 60.2 | 62.1 | 64.7 | 64.7 | 65.1 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 7000 | 9.0 | 59.5 | 60.7 | 62.6 | 65.2 | 65.3 | 65.6 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 6000 | 9.0 | 59.8 | 60.9 | 62.9 | 65.5 | 65.6 | 66.0 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 5000 | 9.2 | 61.5 | 62.6 | 64.6 | 67.2 | 67.3 | 67.7 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 4500 | 9.3 | 62.1 | 63.3 | 65.3 | 67.9 | 68.0 | 68.4 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 4000 | 9.7 | 64.7 | 65.9 | 68.4 | 71.2 | 71.3 | 71.6 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 3500 | 9.7 | 66.2 | 67.3 | 69.8 | 72.7 | 72.8 | 73.1 | 73.3 | 73.3 | 73.4 | 73.4 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 3000 | 10.1 | 70.3 | 71.5 | 74.2 | 77.2 | 77.3 | 77.9 | 78.2 | 78.2 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 2500 | 10.1 | 73.0 | 74.4 | 77.1 | 80.0 | 80.1 | 80.7 | 81.0 | 81.0 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 2000 | 10.2 | 74.8 | 76.3 | 79.1 | 82.0 | 82.1 | 82.7 | 83.1 | 83.1 | 83.4 | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 1800 | 10.2 | 74.9 | 76.4 | 79.2 | 82.1 | 82.4 | 82.9 | 83.3 | 83.3 | 83.6 | 83.6 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 1500 | 10.2 | 75.9 | 77.6 | 80.6 | 83.7 | 84.1 | 84.6 | 85.0 | 85.0 | 85.5 | 85.5 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 1200 | 10.2 | 76.4 | 78.1 | 81.0 | 84.2 | 84.5 | 85.1 | 85.4 | 85.4 | 86.1 | 86.1 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 1000 | 10.2 | 76.7 | 78.5 | 81.6 | 84.7 | 85.3 | 85.9 | 86.2 | 86.2 | 86.9 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 900 | 10.2 | 77.3 | 79.3 | 82.4 | 85.5 | 86.1 | 86.7 | 87.0 | 87.0 | 87.7 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 800 | 10.2 | 77.3 | 79.3 | 82.5 | 85.9 | 86.7 | 87.3 | 87.8 | 87.8 | 88.5 | 88.5 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 700 | 10.2 | 77.3 | 79.3 | 82.6 | 86.1 | 86.9 | 87.7 | 88.4 | 88.5 | 89.2 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 600 | 10.2 | 77.5 | 79.9 | 83.2 | 86.9 | 87.8 | 88.7 | 89.7 | 89.8 | 90.5 | 90.5 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 500 | 10.2 | 77.6 | 80.1 | 84.0 | 88.1 | 89.2 | 90.3 | 91.8 | 92.1 | 93.0 | 93.0 | 93.3 | 93.6 | 93.7 | 93.7 | 93.7 |
| ≥ 400 | 10.2 | 77.6 | 80.1 | 84.1 | 88.2 | 89.4 | 90.7 | 92.7 | 93.2 | 94.2 | 94.2 | 94.8 | 95.0 | 95.1 | 95.1 | 95.1 |
| ≥ 300 | 10.2 | 77.6 | 80.1 | 84.2 | 88.7 | 89.8 | 91.2 | 93.3 | 93.9 | 95.3 | 95.7 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 |
| ≥ 200 | 10.2 | 77.6 | 80.1 | 84.2 | 88.7 | 89.8 | 91.2 | 93.7 | 94.4 | 95.9 | 96.8 | 97.7 | 98.8 | 99.3 | 99.3 | 99.3 |
| ≥ 100 | 10.2 | 77.6 | 80.1 | 84.2 | 88.7 | 89.8 | 91.2 | 93.7 | 94.4 | 95.9 | 96.8 | 97.7 | 98.9 | 99.4 | 99.5 | 100.0 |
| ≥ 0 | 10.2 | 77.6 | 80.1 | 84.2 | 88.7 | 89.8 | 91.2 | 93.7 | 94.4 | 95.9 | 96.8 | 97.7 | 98.9 | 99.4 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 7.6 | 44.2 | 45.3 | 45.4 | 47.6 | 47.7 | 48.3 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 49.5 | 48.5 | 48.6 | 48.6 |
| ≥ 20000 | 7.9 | 46.3 | 47.8 | 48.0 | 50.7 | 50.8 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 | 51.7 |
| ≥ 18000 | 7.9 | 46.5 | 47.9 | 48.1 | 50.8 | 51.0 | 51.5 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.9 | 51.9 |
| ≥ 16000 | 7.9 | 46.6 | 48.0 | 48.3 | 51.0 | 51.1 | 51.6 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 |
| ≥ 14000 | 8.0 | 46.9 | 48.4 | 48.7 | 51.4 | 51.5 | 52.1 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.4 | 52.4 |
| ≥ 12000 | 8.2 | 49.2 | 50.7 | 51.1 | 53.8 | 54.0 | 54.7 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 |
| ≥ 10000 | 8.2 | 52.0 | 53.8 | 54.2 | 57.4 | 57.7 | 58.8 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 |
| ≥ 9000 | 8.2 | 52.0 | 53.8 | 54.2 | 57.4 | 57.7 | 58.8 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 |
| ≥ 8000 | 8.7 | 56.5 | 58.9 | 59.4 | 62.7 | 63.2 | 64.3 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 |
| ≥ 7000 | 9.1 | 57.0 | 59.5 | 60.0 | 63.2 | 63.8 | 64.9 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 |
| ≥ 6000 | 9.0 | 57.9 | 60.4 | 60.9 | 64.1 | 64.7 | 65.8 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.6 | 66.6 |
| ≥ 5000 | 9.0 | 59.7 | 62.3 | 62.9 | 66.1 | 66.7 | 67.8 | 68.4 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 |
| ≥ 4500 | 9.1 | 60.3 | 62.9 | 63.6 | 66.9 | 67.5 | 68.6 | 69.2 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 |
| ≥ 4000 | 9.6 | 63.8 | 66.7 | 67.5 | 71.0 | 71.5 | 72.7 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.5 | 73.5 |
| ≥ 3500 | 9.6 | 65.0 | 68.1 | 69.1 | 72.6 | 73.3 | 74.6 | 75.1 | 75.1 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 |
| ≥ 3000 | 9.6 | 67.8 | 71.1 | 72.2 | 76.0 | 76.8 | 78.3 | 79.0 | 79.0 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 |
| ≥ 2500 | 9.6 | 69.7 | 73.1 | 74.2 | 78.2 | 79.0 | 80.4 | 81.1 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 |
| ≥ 2000 | 9.6 | 70.5 | 74.0 | 75.1 | 79.2 | 80.0 | 81.4 | 82.1 | 82.1 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.5 | 82.5 |
| ≥ 1800 | 9.6 | 70.6 | 74.1 | 75.3 | 79.3 | 80.1 | 81.6 | 82.3 | 82.3 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 |
| ≥ 1500 | 9.6 | 71.2 | 74.7 | 75.8 | 80.1 | 80.9 | 82.6 | 83.4 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 |
| ≥ 1200 | 9.6 | 71.7 | 75.1 | 76.4 | 80.9 | 81.7 | 83.4 | 84.1 | 84.1 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 |
| ≥ 1000 | 9.6 | 72.3 | 75.8 | 77.5 | 82.5 | 83.2 | 85.3 | 86.4 | 86.4 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 |
| ≥ 900 | 9.6 | 72.6 | 76.0 | 77.7 | 82.7 | 83.5 | 85.5 | 86.7 | 86.7 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 |
| ≥ 800 | 9.6 | 72.6 | 76.0 | 78.2 | 83.4 | 84.1 | 86.3 | 87.5 | 87.5 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 |
| ≥ 700 | 9.6 | 72.7 | 76.2 | 78.6 | 83.9 | 84.9 | 87.1 | 88.3 | 88.3 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 |
| ≥ 600 | 9.6 | 73.2 | 76.8 | 79.5 | 84.9 | 86.2 | 88.5 | 90.0 | 90.0 | 90.6 | 90.7 | 90.7 | 91.0 | 91.0 | 91.1 | 91.1 |
| ≥ 500 | 9.6 | 73.2 | 76.8 | 79.5 | 85.5 | 86.7 | 89.2 | 90.8 | 90.9 | 91.5 | 91.6 | 91.6 | 91.9 | 91.9 | 92.0 | 92.0 |
| ≥ 400 | 9.6 | 73.3 | 76.9 | 79.6 | 86.1 | 87.3 | 90.0 | 91.9 | 92.1 | 92.9 | 93.3 | 93.3 | 93.6 | 93.6 | 93.7 | 93.7 |
| ≥ 300 | 9.6 | 73.3 | 76.9 | 79.6 | 86.1 | 87.4 | 90.4 | 92.6 | 92.8 | 93.6 | 94.4 | 94.4 | 94.9 | 94.9 | 95.1 | 95.1 |
| ≥ 200 | 9.6 | 73.3 | 76.9 | 79.6 | 86.1 | 87.4 | 90.4 | 93.0 | 93.3 | 94.8 | 95.8 | 96.1 | 97.2 | 97.5 | 97.6 | 97.6 |
| ≥ 100 | 9.6 | 73.3 | 76.9 | 79.6 | 86.1 | 87.4 | 90.4 | 93.1 | 93.4 | 95.2 | 96.4 | 96.6 | 98.0 | 98.5 | 98.7 | 99.0 |
| ≥ 0 | 9.6 | 73.3 | 76.9 | 79.6 | 86.1 | 87.4 | 90.4 | 93.1 | 93.4 | 95.2 | 96.4 | 96.6 | 98.0 | 98.5 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-3927

BRUNSWICK NAS ME

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 7.9 | 43.1 | 44.2 | 45.2 | 47.1 | 47.9 | 48.7 | 49.0 | 49.2 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 50.2 |
| ≥ 20000 | 8.3 | 45.1 | 46.5 | 47.7 | 50.3 | 51.2 | 52.0 | 52.5 | 52.6 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.9 |
| ≥ 18000 | 8.3 | 45.4 | 46.8 | 48.0 | 50.6 | 51.5 | 52.3 | 52.9 | 53.0 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 54.2 |
| ≥ 16000 | 8.3 | 45.4 | 46.8 | 48.0 | 50.6 | 51.5 | 52.3 | 52.9 | 53.0 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 54.2 |
| ≥ 14000 | 8.3 | 45.4 | 46.8 | 48.0 | 50.6 | 51.5 | 52.3 | 52.9 | 53.0 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 54.2 |
| ≥ 12000 | 8.3 | 47.4 | 49.3 | 50.6 | 53.2 | 54.1 | 54.9 | 55.5 | 55.6 | 56.2 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.9 |
| ≥ 10000 | 8.3 | 50.2 | 52.2 | 53.5 | 56.2 | 57.4 | 58.5 | 59.1 | 59.2 | 59.8 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.5 |
| ≥ 9000 | 8.3 | 50.5 | 52.5 | 53.9 | 56.6 | 57.7 | 58.8 | 59.4 | 59.5 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.9 |
| ≥ 8000 | 8.5 | 55.0 | 57.6 | 59.1 | 62.1 | 63.3 | 64.5 | 65.2 | 65.4 | 66.1 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.8 |
| ≥ 7000 | 8.8 | 56.1 | 58.7 | 60.3 | 63.3 | 64.6 | 65.7 | 66.5 | 66.6 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 68.1 |
| ≥ 6000 | 8.8 | 56.4 | 58.9 | 60.5 | 63.6 | 64.9 | 66.0 | 66.8 | 66.9 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 68.4 |
| ≥ 5000 | 8.8 | 58.4 | 61.0 | 62.5 | 65.6 | 66.9 | 68.1 | 68.8 | 69.0 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 70.4 |
| ≥ 4500 | 8.8 | 59.4 | 62.0 | 63.6 | 66.7 | 68.1 | 69.2 | 70.0 | 70.1 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.5 |
| ≥ 4000 | 8.8 | 62.2 | 64.8 | 66.5 | 69.6 | 71.0 | 72.1 | 72.9 | 73.0 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.5 |
| ≥ 3500 | 8.8 | 63.1 | 65.9 | 67.8 | 71.1 | 72.7 | 73.8 | 74.7 | 74.8 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 76.3 |
| ≥ 3000 | 8.8 | 65.2 | 68.3 | 70.4 | 74.5 | 76.0 | 77.2 | 78.1 | 78.2 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.8 |
| ≥ 2500 | 8.8 | 65.9 | 69.3 | 71.4 | 75.5 | 77.1 | 78.3 | 79.2 | 79.3 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.9 |
| ≥ 2000 | 9.0 | 67.5 | 70.9 | 73.0 | 77.1 | 78.7 | 80.0 | 80.9 | 81.0 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.6 |
| ≥ 1800 | 9.1 | 67.6 | 71.0 | 73.1 | 77.2 | 78.9 | 80.1 | 81.0 | 81.1 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.7 |
| ≥ 1500 | 9.1 | 68.6 | 72.2 | 74.5 | 78.7 | 80.4 | 81.7 | 82.6 | 82.7 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 84.3 |
| ≥ 1200 | 9.1 | 69.0 | 72.6 | 74.8 | 79.2 | 80.9 | 82.1 | 83.2 | 83.4 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.9 |
| ≥ 1000 | 9.1 | 69.6 | 73.3 | 76.2 | 80.7 | 82.3 | 83.7 | 84.9 | 85.0 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.7 |
| ≥ 900 | 9.1 | 69.9 | 73.6 | 76.4 | 80.9 | 82.6 | 83.9 | 85.2 | 85.3 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 87.0 |
| ≥ 800 | 9.2 | 70.0 | 73.7 | 76.5 | 81.0 | 82.7 | 84.1 | 85.5 | 85.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 87.4 |
| ≥ 700 | 9.2 | 70.1 | 73.8 | 76.6 | 81.2 | 82.9 | 84.4 | 85.7 | 85.8 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.7 |
| ≥ 600 | 9.2 | 70.4 | 74.2 | 77.1 | 81.8 | 83.5 | 85.0 | 86.5 | 86.6 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.5 |
| ≥ 500 | 9.2 | 70.6 | 74.5 | 77.4 | 82.2 | 83.9 | 86.1 | 87.6 | 87.7 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.7 |
| ≥ 400 | 9.2 | 70.6 | 74.5 | 77.5 | 82.6 | 84.4 | 87.0 | 89.0 | 89.1 | 90.3 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 91.3 |
| ≥ 300 | 9.2 | 70.6 | 74.5 | 77.5 | 82.9 | 84.7 | 88.1 | 90.7 | 90.8 | 92.1 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.7 |
| ≥ 200 | 9.2 | 70.6 | 74.5 | 77.5 | 82.9 | 84.7 | 88.3 | 91.1 | 91.2 | 93.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 95.8 |
| ≥ 100 | 9.2 | 70.6 | 74.5 | 77.5 | 82.9 | 84.7 | 88.3 | 91.1 | 91.2 | 93.5 | 94.8 | 95.1 | 95.3 | 96.1 | 96.6 | 98.0 |
| ≥ 0 | 9.2 | 70.6 | 74.5 | 77.5 | 82.9 | 84.7 | 88.3 | 91.1 | 91.2 | 93.5 | 94.8 | 95.1 | 95.3 | 96.2 | 97.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 7.6 | 43.1 | 44.6 | 45.9 | 47.2 | 47.4 | 47.9 | 48.3 | 48.5 | 48.8 | 48.9 | 48.9 | 49.0 | 49.1 | 49.2 | 49.6 |
| ≥ 20000 | 7.8 | 46.7 | 48.4 | 49.9 | 51.5 | 51.7 | 52.3 | 52.8 | 52.9 | 53.4 | 53.6 | 53.6 | 53.7 | 53.8 | 53.9 | 54.3 |
| ≥ 18000 | 7.8 | 46.8 | 48.6 | 50.0 | 51.6 | 51.8 | 52.4 | 52.9 | 53.1 | 53.6 | 53.7 | 53.7 | 53.9 | 53.9 | 54.0 | 54.4 |
| ≥ 16000 | 7.8 | 46.8 | 48.6 | 50.0 | 51.6 | 51.9 | 52.5 | 53.0 | 53.1 | 53.6 | 53.7 | 53.7 | 53.9 | 54.0 | 54.0 | 54.5 |
| ≥ 14000 | 7.8 | 47.1 | 48.9 | 50.4 | 52.0 | 52.3 | 52.9 | 53.4 | 53.6 | 54.0 | 54.2 | 54.2 | 54.4 | 54.4 | 54.5 | 54.9 |
| ≥ 12000 | 7.8 | 48.2 | 50.2 | 51.8 | 53.5 | 53.8 | 54.4 | 55.0 | 55.1 | 55.7 | 55.8 | 55.8 | 56.0 | 56.0 | 56.1 | 56.6 |
| ≥ 10000 | 8.0 | 50.5 | 52.7 | 54.3 | 56.2 | 56.6 | 57.5 | 58.0 | 58.2 | 58.7 | 58.9 | 58.9 | 59.1 | 59.1 | 59.2 | 59.7 |
| ≥ 9000 | 8.0 | 50.7 | 52.9 | 54.5 | 56.4 | 56.8 | 57.7 | 58.2 | 58.4 | 59.0 | 59.1 | 59.1 | 59.3 | 59.4 | 59.5 | 59.9 |
| ≥ 8000 | 8.2 | 54.1 | 56.7 | 58.4 | 60.6 | 61.1 | 62.0 | 62.7 | 62.9 | 63.5 | 63.7 | 63.7 | 63.9 | 64.0 | 64.1 | 64.5 |
| ≥ 7000 | 8.3 | 54.9 | 57.5 | 59.4 | 61.6 | 62.1 | 63.0 | 63.8 | 64.0 | 64.6 | 64.8 | 64.8 | 65.0 | 65.1 | 65.2 | 65.7 |
| ≥ 6000 | 8.3 | 55.7 | 58.4 | 60.2 | 62.5 | 63.0 | 63.9 | 64.7 | 64.9 | 65.5 | 65.7 | 65.7 | 65.9 | 66.0 | 66.1 | 66.5 |
| ≥ 5000 | 8.4 | 57.0 | 59.8 | 61.8 | 64.0 | 64.5 | 65.5 | 66.3 | 66.5 | 67.1 | 67.3 | 67.3 | 67.6 | 67.6 | 67.7 | 68.2 |
| ≥ 4500 | 8.4 | 58.0 | 60.8 | 62.8 | 65.1 | 65.6 | 66.6 | 67.4 | 67.6 | 68.2 | 68.5 | 68.5 | 68.7 | 68.8 | 68.8 | 69.3 |
| ≥ 4000 | 8.6 | 60.0 | 62.9 | 65.1 | 67.5 | 68.0 | 69.0 | 69.8 | 70.0 | 70.6 | 70.8 | 70.9 | 71.1 | 71.2 | 71.3 | 71.8 |
| ≥ 3500 | 8.6 | 61.1 | 64.1 | 66.4 | 68.8 | 69.4 | 70.4 | 71.3 | 71.5 | 72.1 | 72.3 | 72.4 | 72.6 | 72.7 | 72.8 | 73.3 |
| ≥ 3000 | 8.8 | 63.7 | 66.9 | 69.4 | 72.2 | 72.8 | 74.0 | 75.1 | 75.3 | 76.0 | 76.3 | 76.4 | 76.6 | 76.7 | 76.8 | 77.3 |
| ≥ 2500 | 8.9 | 64.9 | 68.3 | 70.9 | 73.7 | 74.4 | 75.6 | 76.7 | 76.9 | 77.7 | 77.9 | 78.0 | 78.2 | 78.3 | 78.4 | 78.9 |
| ≥ 2000 | 9.0 | 66.0 | 69.4 | 72.2 | 75.1 | 75.7 | 77.0 | 78.1 | 78.3 | 79.1 | 79.4 | 79.5 | 79.7 | 79.8 | 79.9 | 80.4 |
| ≥ 1800 | 9.0 | 66.1 | 69.6 | 72.3 | 75.2 | 75.9 | 77.2 | 78.3 | 78.5 | 79.3 | 79.5 | 79.6 | 79.9 | 80.0 | 80.1 | 80.6 |
| ≥ 1500 | 9.1 | 67.2 | 70.8 | 73.7 | 76.8 | 77.5 | 78.9 | 80.0 | 80.2 | 81.0 | 81.3 | 81.4 | 81.7 | 81.7 | 81.8 | 82.3 |
| ≥ 1200 | 9.1 | 67.7 | 71.4 | 74.3 | 77.5 | 78.2 | 79.6 | 80.7 | 81.0 | 81.8 | 82.1 | 82.2 | 82.5 | 82.5 | 82.6 | 83.1 |
| ≥ 1000 | 9.1 | 68.3 | 72.2 | 75.4 | 78.7 | 79.5 | 81.0 | 82.2 | 82.5 | 83.4 | 83.6 | 83.7 | 84.0 | 84.1 | 84.2 | 84.7 |
| ≥ 900 | 9.1 | 68.6 | 72.6 | 75.9 | 79.3 | 80.1 | 81.6 | 82.9 | 83.1 | 84.0 | 84.3 | 84.4 | 84.7 | 84.8 | 84.9 | 85.4 |
| ≥ 800 | 9.1 | 68.9 | 73.0 | 76.4 | 80.1 | 80.9 | 82.6 | 84.0 | 84.3 | 85.2 | 85.5 | 85.6 | 85.9 | 86.0 | 86.1 | 86.6 |
| ≥ 700 | 9.1 | 69.0 | 73.3 | 76.9 | 80.6 | 81.5 | 83.3 | 84.8 | 85.0 | 86.1 | 86.4 | 86.5 | 86.7 | 86.8 | 86.9 | 87.4 |
| ≥ 600 | 9.1 | 69.3 | 73.7 | 77.4 | 81.3 | 82.3 | 84.2 | 85.8 | 86.1 | 87.2 | 87.5 | 87.6 | 88.0 | 88.0 | 88.1 | 88.6 |
| ≥ 500 | 9.1 | 69.4 | 73.9 | 77.8 | 82.1 | 83.1 | 85.5 | 87.5 | 87.8 | 89.1 | 89.6 | 89.7 | 90.0 | 90.1 | 90.2 | 90.7 |
| ≥ 400 | 9.1 | 69.4 | 74.0 | 78.0 | 82.5 | 83.6 | 86.2 | 88.5 | 89.0 | 90.6 | 91.1 | 91.2 | 91.6 | 91.7 | 91.8 | 92.3 |
| ≥ 300 | 9.1 | 69.5 | 74.1 | 78.2 | 82.8 | 84.0 | 86.8 | 89.5 | 90.0 | 92.0 | 92.9 | 93.1 | 93.7 | 93.8 | 94.0 | 94.5 |
| ≥ 200 | 9.1 | 69.5 | 74.1 | 78.2 | 82.8 | 84.0 | 87.0 | 89.9 | 90.5 | 92.8 | 94.1 | 94.3 | 95.4 | 96.0 | 96.2 | 96.8 |
| ≥ 100 | 9.1 | 69.5 | 74.1 | 78.2 | 82.8 | 84.1 | 87.0 | 90.0 | 90.6 | 93.0 | 94.4 | 94.8 | 96.0 | 96.9 | 97.3 | 98.7 |
| ≥ 0 | 9.2 | 69.5 | 74.1 | 78.2 | 82.8 | 84.1 | 87.0 | 90.0 | 90.6 | 93.1 | 94.4 | 94.8 | 96.0 | 96.9 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7094

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 13.2 | 43.6 | 45.4 | 46.6 | 47.8 | 47.8 | 48.2 | 49.0 | 49.0 | 49.2 | 49.8 | 49.9 | 50.3 | 50.6 | 50.7 | 51.4 |
| ≥ 20000 | 13.9 | 45.6 | 47.4 | 48.9 | 50.2 | 50.2 | 50.5 | 51.5 | 51.5 | 51.8 | 52.4 | 52.6 | 52.9 | 53.2 | 53.3 | 54.0 |
| ≥ 18000 | 13.9 | 45.6 | 47.4 | 49.0 | 50.2 | 50.2 | 50.6 | 51.6 | 51.6 | 52.0 | 52.7 | 52.8 | 53.1 | 53.4 | 53.5 | 54.3 |
| ≥ 16000 | 13.9 | 45.6 | 47.4 | 49.0 | 50.2 | 50.2 | 50.6 | 51.6 | 51.6 | 52.0 | 52.7 | 52.8 | 53.1 | 53.4 | 53.5 | 54.3 |
| ≥ 14000 | 13.9 | 45.7 | 47.6 | 49.2 | 50.4 | 50.4 | 50.8 | 51.8 | 51.8 | 52.2 | 52.9 | 53.0 | 53.3 | 53.6 | 53.7 | 54.5 |
| ≥ 12000 | 14.0 | 46.8 | 48.6 | 50.3 | 51.6 | 51.6 | 52.0 | 53.0 | 53.0 | 53.4 | 54.1 | 54.2 | 54.5 | 54.8 | 54.9 | 55.7 |
| ≥ 10000 | 14.1 | 48.3 | 50.2 | 51.8 | 53.1 | 53.1 | 53.5 | 54.5 | 54.5 | 54.9 | 55.6 | 55.7 | 56.0 | 56.4 | 56.5 | 57.4 |
| ≥ 9000 | 14.3 | 48.8 | 50.6 | 52.2 | 53.5 | 53.5 | 54.0 | 54.9 | 54.9 | 55.4 | 56.0 | 56.1 | 56.5 | 56.8 | 56.9 | 57.9 |
| ≥ 8000 | 14.7 | 53.1 | 55.5 | 57.2 | 58.6 | 58.7 | 59.3 | 60.3 | 60.3 | 60.9 | 61.8 | 61.9 | 62.2 | 62.5 | 62.6 | 63.6 |
| ≥ 7000 | 15.2 | 54.9 | 58.0 | 59.7 | 61.1 | 61.2 | 61.8 | 62.8 | 62.8 | 63.4 | 64.3 | 64.4 | 64.7 | 65.0 | 65.1 | 66.1 |
| ≥ 6000 | 15.4 | 56.9 | 60.2 | 61.9 | 63.3 | 63.4 | 64.0 | 64.9 | 64.9 | 65.6 | 66.4 | 66.6 | 66.9 | 67.2 | 67.3 | 68.3 |
| ≥ 5000 | 15.4 | 57.4 | 60.7 | 62.5 | 64.0 | 64.1 | 64.6 | 65.6 | 65.6 | 66.2 | 67.1 | 67.2 | 67.5 | 67.9 | 68.0 | 68.9 |
| ≥ 4500 | 15.4 | 59.5 | 62.9 | 64.9 | 66.4 | 66.6 | 67.1 | 68.1 | 68.1 | 68.7 | 69.7 | 69.8 | 70.1 | 70.5 | 70.6 | 71.6 |
| ≥ 4000 | 15.5 | 61.5 | 64.9 | 67.0 | 68.5 | 68.6 | 69.2 | 70.1 | 70.1 | 70.8 | 71.8 | 71.9 | 72.2 | 72.5 | 72.6 | 73.6 |
| ≥ 3500 | 15.5 | 63.7 | 67.8 | 70.0 | 72.3 | 72.4 | 73.2 | 74.2 | 74.2 | 74.8 | 75.9 | 76.0 | 76.3 | 76.7 | 76.8 | 77.7 |
| ≥ 3000 | 15.5 | 64.5 | 68.8 | 71.4 | 73.8 | 74.0 | 74.8 | 75.8 | 75.8 | 76.4 | 77.5 | 77.6 | 78.0 | 78.3 | 78.4 | 79.4 |
| ≥ 2500 | 15.5 | 65.1 | 69.5 | 72.2 | 74.9 | 75.1 | 76.2 | 77.2 | 77.2 | 78.0 | 79.0 | 79.2 | 79.5 | 79.8 | 79.9 | 80.9 |
| ≥ 2000 | 15.5 | 65.1 | 69.5 | 72.2 | 74.9 | 75.1 | 76.3 | 77.3 | 77.3 | 78.1 | 79.2 | 79.3 | 79.6 | 79.9 | 80.0 | 81.0 |
| ≥ 1800 | 15.6 | 65.8 | 70.1 | 73.1 | 75.8 | 76.0 | 77.2 | 78.2 | 78.2 | 79.3 | 80.3 | 80.5 | 80.8 | 81.1 | 81.2 | 82.2 |
| ≥ 1500 | 15.6 | 66.2 | 70.6 | 73.6 | 76.4 | 76.7 | 77.9 | 79.0 | 79.0 | 80.1 | 81.2 | 81.3 | 81.7 | 82.0 | 82.1 | 83.1 |
| ≥ 1200 | 15.9 | 67.0 | 71.3 | 74.6 | 78.0 | 78.2 | 79.5 | 80.7 | 80.8 | 81.9 | 83.0 | 83.1 | 83.4 | 83.7 | 83.8 | 84.8 |
| ≥ 900 | 15.9 | 67.2 | 71.7 | 75.0 | 78.4 | 78.6 | 79.9 | 81.1 | 81.2 | 82.3 | 83.4 | 83.5 | 83.8 | 84.1 | 84.3 | 85.2 |
| ≥ 800 | 15.9 | 67.5 | 72.0 | 75.5 | 79.3 | 79.5 | 80.8 | 82.1 | 82.2 | 83.3 | 84.4 | 84.5 | 84.8 | 85.1 | 85.2 | 86.2 |
| ≥ 700 | 15.9 | 68.5 | 73.0 | 76.4 | 80.5 | 80.8 | 82.1 | 83.5 | 83.6 | 84.7 | 85.9 | 86.0 | 86.3 | 86.6 | 86.8 | 87.7 |
| ≥ 600 | 15.9 | 68.7 | 73.3 | 77.0 | 81.3 | 82.0 | 83.4 | 85.0 | 85.1 | 86.3 | 87.5 | 87.6 | 88.1 | 88.4 | 88.5 | 89.5 |
| ≥ 500 | 15.9 | 69.2 | 73.8 | 77.3 | 81.8 | 82.4 | 83.9 | 86.0 | 86.1 | 87.5 | 88.9 | 89.0 | 89.5 | 89.8 | 89.9 | 90.9 |
| ≥ 400 | 15.9 | 69.2 | 73.8 | 77.9 | 82.4 | 83.2 | 84.8 | 87.2 | 87.3 | 88.8 | 90.3 | 90.4 | 90.9 | 91.2 | 91.3 | 92.3 |
| ≥ 300 | 15.9 | 69.2 | 73.8 | 77.9 | 82.4 | 83.2 | 84.9 | 88.6 | 88.7 | 90.2 | 92.0 | 92.1 | 92.5 | 92.8 | 92.9 | 94.0 |
| ≥ 200 | 15.9 | 69.2 | 73.8 | 77.9 | 82.4 | 83.3 | 85.2 | 89.0 | 89.1 | 91.0 | 93.2 | 93.3 | 93.7 | 94.4 | 94.6 | 95.9 |
| ≥ 100 | 15.9 | 69.2 | 73.8 | 77.9 | 82.4 | 83.3 | 85.2 | 89.0 | 89.1 | 91.0 | 93.2 | 93.3 | 93.8 | 94.9 | 95.5 | 97.9 |
| ≥ 0 | 15.9 | 69.2 | 73.8 | 77.9 | 82.4 | 83.3 | 85.2 | 89.0 | 89.1 | 91.0 | 93.2 | 93.3 | 93.8 | 94.9 | 95.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/8 | ≥1/16 | ≥0 |
| NO CEILING | 12.0 | 44.7 | 45.7 | 46.2 | 46.7 | 46.7 | 47.3 | 48.6 | 48.7 | 49.8 | 50.1 | 50.2 | 50.8 | 51.0 | 51.6 | 53.8 |
| ≥ 20000 | 12.5 | 46.2 | 47.3 | 47.9 | 48.6 | 48.6 | 49.1 | 50.4 | 50.5 | 51.6 | 52.0 | 52.1 | 52.6 | 52.9 | 53.6 | 55.7 |
| ≥ 18000 | 12.6 | 46.3 | 47.4 | 48.0 | 48.7 | 48.7 | 49.2 | 50.5 | 50.7 | 51.7 | 52.1 | 52.2 | 52.7 | 53.0 | 53.7 | 55.9 |
| ≥ 16000 | 12.6 | 46.3 | 47.4 | 48.0 | 48.7 | 48.7 | 49.2 | 50.5 | 50.7 | 51.7 | 52.1 | 52.2 | 52.7 | 53.0 | 53.7 | 55.9 |
| ≥ 14000 | 12.6 | 46.4 | 47.5 | 48.4 | 49.0 | 49.0 | 49.6 | 50.9 | 51.0 | 52.1 | 52.4 | 52.5 | 53.0 | 53.4 | 54.0 | 56.2 |
| ≥ 12000 | 12.6 | 47.0 | 48.0 | 48.9 | 49.6 | 49.6 | 50.2 | 51.5 | 51.6 | 52.7 | 53.0 | 53.1 | 53.7 | 54.0 | 54.7 | 56.8 |
| ≥ 10000 | 12.6 | 47.9 | 49.2 | 50.1 | 50.8 | 50.8 | 51.4 | 52.7 | 52.8 | 53.9 | 54.2 | 54.3 | 54.9 | 55.2 | 55.9 | 58.0 |
| ≥ 9000 | 12.6 | 48.3 | 49.6 | 50.4 | 51.1 | 51.1 | 51.7 | 53.0 | 53.1 | 54.2 | 54.6 | 54.7 | 55.2 | 55.5 | 56.2 | 58.4 |
| ≥ 8000 | 13.2 | 51.8 | 53.6 | 54.9 | 55.5 | 55.5 | 56.4 | 57.8 | 57.9 | 59.0 | 59.3 | 59.4 | 60.0 | 60.3 | 61.0 | 63.1 |
| ≥ 7000 | 13.2 | 52.1 | 54.0 | 55.3 | 56.0 | 56.0 | 56.8 | 58.2 | 58.4 | 59.4 | 59.8 | 59.9 | 60.4 | 60.7 | 61.4 | 63.6 |
| ≥ 6000 | 13.2 | 52.9 | 54.9 | 56.2 | 56.8 | 56.8 | 57.7 | 59.1 | 59.2 | 60.3 | 60.6 | 60.7 | 61.3 | 61.6 | 62.3 | 64.5 |
| ≥ 5000 | 13.4 | 54.1 | 56.1 | 57.4 | 58.1 | 58.1 | 59.1 | 60.5 | 60.6 | 61.7 | 62.0 | 62.1 | 62.7 | 63.0 | 63.7 | 65.9 |
| ≥ 4500 | 13.7 | 55.1 | 57.2 | 58.5 | 59.2 | 59.2 | 60.4 | 61.8 | 61.9 | 63.0 | 63.3 | 63.4 | 64.0 | 64.3 | 65.0 | 67.2 |
| ≥ 4000 | 13.8 | 56.6 | 58.9 | 60.3 | 61.1 | 61.1 | 62.3 | 63.7 | 63.8 | 64.9 | 65.2 | 65.3 | 65.8 | 66.2 | 66.8 | 69.1 |
| ≥ 3500 | 14.2 | 58.8 | 61.6 | 63.2 | 64.0 | 64.0 | 65.2 | 66.6 | 66.7 | 67.8 | 68.1 | 68.2 | 68.8 | 69.1 | 69.7 | 72.0 |
| ≥ 3000 | 14.3 | 61.5 | 64.4 | 66.3 | 67.0 | 67.1 | 68.3 | 69.7 | 69.8 | 70.9 | 71.3 | 71.4 | 71.9 | 72.2 | 72.9 | 75.2 |
| ≥ 2500 | 14.4 | 62.7 | 65.6 | 67.6 | 68.3 | 68.4 | 69.6 | 71.0 | 71.1 | 72.2 | 72.6 | 72.7 | 73.2 | 73.5 | 74.3 | 76.6 |
| ≥ 2000 | 14.4 | 63.0 | 66.3 | 68.5 | 69.5 | 69.6 | 71.0 | 72.6 | 72.7 | 73.8 | 74.1 | 74.2 | 74.7 | 75.1 | 75.8 | 78.1 |
| ≥ 1800 | 14.4 | 63.1 | 66.4 | 68.7 | 69.6 | 69.7 | 71.1 | 72.7 | 72.8 | 73.9 | 74.2 | 74.3 | 74.8 | 75.2 | 75.9 | 78.2 |
| ≥ 1500 | 14.5 | 63.7 | 66.9 | 69.3 | 70.3 | 70.4 | 71.8 | 73.3 | 73.4 | 74.5 | 74.8 | 74.9 | 75.5 | 75.8 | 76.6 | 78.9 |
| ≥ 1200 | 14.5 | 64.1 | 67.5 | 70.0 | 71.0 | 71.1 | 72.6 | 74.1 | 74.2 | 75.3 | 75.6 | 75.7 | 76.2 | 76.6 | 77.3 | 79.6 |
| ≥ 1000 | 14.5 | 64.8 | 68.5 | 71.6 | 73.2 | 73.3 | 74.9 | 76.7 | 76.9 | 78.0 | 78.3 | 78.4 | 79.0 | 79.3 | 80.0 | 82.3 |
| ≥ 900 | 14.5 | 65.1 | 68.9 | 71.9 | 73.6 | 73.8 | 75.4 | 77.1 | 77.4 | 78.5 | 78.9 | 79.0 | 79.5 | 79.8 | 80.6 | 82.9 |
| ≥ 800 | 14.5 | 65.2 | 69.1 | 72.3 | 74.4 | 74.5 | 76.1 | 78.0 | 78.3 | 79.6 | 79.9 | 80.0 | 80.6 | 80.9 | 81.7 | 83.9 |
| ≥ 700 | 14.5 | 65.4 | 69.4 | 72.8 | 74.9 | 75.1 | 77.0 | 78.9 | 79.3 | 80.6 | 80.9 | 81.0 | 81.6 | 81.9 | 82.6 | 84.9 |
| ≥ 600 | 14.5 | 65.5 | 70.1 | 73.6 | 76.2 | 76.6 | 79.0 | 81.1 | 81.6 | 82.9 | 83.2 | 83.3 | 83.8 | 84.2 | 84.9 | 87.2 |
| ≥ 500 | 14.5 | 65.6 | 70.2 | 74.0 | 77.2 | 77.5 | 80.0 | 82.2 | 82.6 | 84.1 | 84.4 | 84.5 | 85.0 | 85.4 | 86.1 | 88.5 |
| ≥ 400 | 14.5 | 65.6 | 70.2 | 74.2 | 77.5 | 77.9 | 80.9 | 83.6 | 84.3 | 84.1 | 86.4 | 86.6 | 87.2 | 87.5 | 88.3 | 90.7 |
| ≥ 300 | 14.5 | 65.7 | 70.3 | 74.3 | 77.9 | 78.3 | 81.6 | 85.0 | 85.7 | 87.9 | 88.2 | 88.4 | 89.0 | 89.4 | 90.2 | 92.6 |
| ≥ 200 | 14.5 | 65.7 | 70.3 | 74.3 | 77.9 | 78.3 | 81.7 | 85.2 | 85.9 | 88.4 | 89.3 | 89.7 | 90.7 | 91.0 | 92.2 | 94.9 |
| ≥ 100 | 14.5 | 65.7 | 70.3 | 74.3 | 77.9 | 78.3 | 81.7 | 85.2 | 85.9 | 88.6 | 89.5 | 90.0 | 91.0 | 91.9 | 93.6 | 97.3 |
| ≥ 0 | 14.5 | 65.7 | 70.3 | 74.3 | 77.9 | 78.3 | 81.7 | 85.2 | 85.9 | 88.6 | 89.5 | 90.0 | 91.0 | 92.0 | 93.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 922

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/10 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 11.2 | 39.7 | 41.4 | 42.3 | 43.3 | 43.4 | 44.4 | 44.8 | 44.8 | 45.1 | 45.4 | 45.4 | 45.7 | 45.8 | 45.8 | 47.0 |
| ≥ 20000 | 11.4 | 42.9 | 44.8 | 46.1 | 47.3 | 47.5 | 48.6 | 49.2 | 49.2 | 49.5 | 49.8 | 49.8 | 50.1 | 50.3 | 50.3 | 51.6 |
| ≥ 18000 | 11.4 | 43.0 | 45.0 | 46.2 | 47.4 | 47.6 | 48.7 | 49.3 | 49.3 | 49.6 | 49.9 | 49.9 | 50.2 | 50.4 | 50.4 | 51.8 |
| ≥ 16000 | 11.4 | 43.0 | 45.0 | 46.2 | 47.4 | 47.6 | 48.7 | 49.3 | 49.3 | 49.6 | 49.9 | 49.9 | 50.2 | 50.4 | 50.4 | 51.8 |
| ≥ 14000 | 11.5 | 43.2 | 45.3 | 46.5 | 47.7 | 47.9 | 49.0 | 49.7 | 49.7 | 49.9 | 50.2 | 50.2 | 50.5 | 50.8 | 50.8 | 52.1 |
| ≥ 12000 | 11.5 | 44.7 | 46.8 | 48.0 | 49.3 | 49.6 | 50.7 | 51.3 | 51.3 | 51.5 | 51.9 | 51.9 | 52.2 | 52.4 | 52.4 | 53.7 |
| ≥ 10000 | 11.8 | 46.4 | 48.5 | 49.7 | 51.1 | 51.3 | 52.4 | 53.1 | 53.1 | 53.3 | 53.6 | 53.6 | 53.9 | 54.4 | 54.4 | 55.7 |
| ≥ 9000 | 11.8 | 46.9 | 49.0 | 50.2 | 51.8 | 52.0 | 53.4 | 54.1 | 54.1 | 54.3 | 54.6 | 54.6 | 54.9 | 55.4 | 55.4 | 56.7 |
| ≥ 8000 | 12.3 | 50.5 | 52.9 | 54.4 | 56.8 | 57.0 | 58.7 | 59.6 | 59.6 | 60.0 | 60.3 | 60.3 | 60.6 | 61.1 | 61.1 | 62.4 |
| ≥ 7000 | 12.3 | 50.9 | 53.2 | 54.7 | 57.1 | 57.3 | 59.1 | 60.1 | 60.2 | 60.5 | 61.0 | 61.0 | 61.3 | 61.7 | 61.7 | 63.0 |
| ≥ 6000 | 12.3 | 51.4 | 53.9 | 55.7 | 58.1 | 58.4 | 60.2 | 61.2 | 61.3 | 61.6 | 62.2 | 62.2 | 62.5 | 62.9 | 62.9 | 64.3 |
| ≥ 5000 | 12.3 | 53.0 | 55.9 | 57.7 | 60.1 | 60.4 | 62.2 | 63.2 | 63.3 | 63.6 | 64.1 | 64.1 | 64.5 | 64.9 | 64.9 | 66.2 |
| ≥ 4500 | 12.4 | 53.5 | 56.6 | 58.3 | 60.7 | 61.1 | 62.9 | 63.9 | 64.0 | 64.4 | 64.9 | 64.9 | 65.2 | 65.7 | 65.7 | 67.0 |
| ≥ 4000 | 12.5 | 56.1 | 59.2 | 61.2 | 63.6 | 63.9 | 65.9 | 66.9 | 67.0 | 67.3 | 67.9 | 68.0 | 68.3 | 68.8 | 68.8 | 70.1 |
| ≥ 3500 | 12.7 | 58.1 | 61.2 | 63.4 | 66.0 | 66.3 | 68.3 | 69.3 | 69.4 | 69.7 | 70.3 | 70.4 | 70.7 | 71.2 | 71.3 | 72.6 |
| ≥ 3000 | 12.7 | 60.2 | 63.4 | 65.8 | 68.4 | 69.0 | 71.1 | 72.0 | 72.1 | 72.5 | 73.1 | 73.2 | 73.6 | 74.0 | 74.1 | 75.4 |
| ≥ 2500 | 12.8 | 62.1 | 65.4 | 68.0 | 70.9 | 71.4 | 73.5 | 74.5 | 74.6 | 75.0 | 75.7 | 75.8 | 76.1 | 76.5 | 76.6 | 78.0 |
| ≥ 2000 | 12.8 | 62.8 | 66.2 | 68.9 | 71.8 | 72.3 | 74.5 | 75.5 | 75.7 | 76.1 | 76.8 | 76.9 | 77.2 | 77.6 | 77.9 | 79.2 |
| ≥ 1800 | 12.8 | 62.8 | 66.2 | 68.9 | 71.8 | 72.3 | 74.5 | 75.5 | 75.7 | 76.1 | 76.8 | 76.9 | 77.2 | 77.6 | 77.9 | 79.2 |
| ≥ 1500 | 12.8 | 63.0 | 66.4 | 69.3 | 72.3 | 72.7 | 75.0 | 76.1 | 76.2 | 76.6 | 77.3 | 77.4 | 77.7 | 78.2 | 78.5 | 79.8 |
| ≥ 1200 | 12.8 | 63.5 | 67.0 | 70.1 | 73.0 | 73.5 | 75.8 | 76.9 | 77.0 | 77.4 | 78.2 | 78.3 | 78.6 | 79.2 | 79.5 | 80.8 |
| ≥ 1000 | 12.8 | 64.5 | 68.0 | 71.2 | 74.2 | 74.7 | 77.0 | 78.2 | 78.3 | 78.8 | 79.6 | 79.7 | 80.0 | 80.6 | 80.9 | 82.2 |
| ≥ 900 | 12.8 | 64.7 | 68.3 | 71.5 | 74.6 | 75.0 | 77.3 | 78.5 | 78.6 | 79.2 | 79.9 | 80.0 | 80.4 | 80.9 | 81.3 | 82.6 |
| ≥ 800 | 12.8 | 65.4 | 69.0 | 72.1 | 75.3 | 75.8 | 78.3 | 79.6 | 79.7 | 80.3 | 81.0 | 81.1 | 81.5 | 82.0 | 82.3 | 83.7 |
| ≥ 700 | 12.8 | 66.0 | 69.8 | 73.2 | 76.5 | 77.1 | 79.9 | 81.4 | 81.6 | 82.2 | 83.0 | 83.1 | 83.6 | 84.1 | 84.4 | 85.7 |
| ≥ 600 | 12.8 | 66.4 | 70.4 | 73.9 | 77.4 | 78.1 | 80.9 | 83.1 | 83.4 | 84.2 | 85.0 | 85.1 | 85.5 | 86.1 | 86.4 | 87.7 |
| ≥ 500 | 12.8 | 66.6 | 70.6 | 74.5 | 78.4 | 79.1 | 82.2 | 84.5 | 85.0 | 86.3 | 87.1 | 87.2 | 87.6 | 88.2 | 88.5 | 89.8 |
| ≥ 400 | 12.8 | 66.6 | 70.7 | 74.7 | 78.8 | 79.6 | 82.8 | 86.1 | 86.5 | 87.9 | 88.9 | 89.0 | 89.5 | 90.0 | 90.4 | 91.7 |
| ≥ 300 | 12.8 | 66.6 | 70.7 | 74.7 | 78.8 | 79.7 | 82.9 | 86.4 | 87.4 | 89.3 | 90.4 | 90.6 | 91.1 | 91.8 | 92.1 | 93.4 |
| ≥ 200 | 12.8 | 66.6 | 70.7 | 74.7 | 78.8 | 79.8 | 83.1 | 87.0 | 87.7 | 89.9 | 91.6 | 91.8 | 92.9 | 94.0 | 94.3 | 95.6 |
| ≥ 100 | 12.8 | 66.6 | 70.7 | 74.7 | 78.8 | 79.8 | 83.1 | 87.0 | 87.7 | 89.9 | 91.8 | 92.0 | 93.1 | 94.6 | 95.3 | 96.4 |
| ≥ 0 | 12.8 | 66.6 | 70.7 | 74.7 | 78.8 | 79.8 | 83.1 | 87.0 | 87.7 | 89.9 | 91.8 | 92.0 | 93.1 | 94.6 | 95.3 | 96.4 |

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927

BRUNSWICK NAS ME

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.G.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING | 12.9 | 44.0 | 44.8 | 45.2 | 45.4 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| ≥ 20000 | 13.8 | 48.7 | 49.7 | 50.1 | 50.3 | 50.4 | 50.5 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| IN 18000 | 13.8 | 48.9 | 49.9 | 50.3 | 50.5 | 50.7 | 50.8 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| IN 16000 | 13.8 | 48.9 | 49.9 | 50.3 | 50.5 | 50.7 | 50.8 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| IN 14000 | 14.0 | 50.0 | 51.0 | 51.4 | 51.6 | 51.7 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| IN 12000 | 14.3 | 52.0 | 52.9 | 53.5 | 53.7 | 53.8 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| IN 10000 | 14.4 | 53.7 | 55.1 | 55.7 | 55.9 | 56.0 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| IN 9000 | 14.5 | 54.5 | 56.0 | 56.6 | 56.9 | 57.0 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| IN 8000 | 14.6 | 57.2 | 59.0 | 59.8 | 60.2 | 60.3 | 60.4 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| IN 7000 | 14.7 | 58.2 | 59.9 | 60.8 | 61.1 | 61.2 | 61.3 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| IN 6000 | 14.7 | 59.4 | 61.2 | 62.1 | 62.6 | 62.7 | 62.8 | 63.1 | 63.1 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| IN 5000 | 15.0 | 61.4 | 63.2 | 64.1 | 64.5 | 64.6 | 64.7 | 65.1 | 65.1 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IN 4500 | 15.2 | 62.0 | 64.0 | 64.8 | 65.3 | 65.4 | 65.6 | 65.9 | 65.9 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| IN 4000 | 15.3 | 65.2 | 67.5 | 68.3 | 68.8 | 68.9 | 69.2 | 69.7 | 69.7 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| IN 3500 | 15.7 | 66.6 | 69.0 | 69.9 | 70.3 | 70.4 | 70.7 | 71.2 | 71.2 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| IN 3000 | 16.2 | 70.4 | 72.9 | 73.8 | 74.6 | 74.7 | 75.2 | 75.7 | 75.7 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| IN 2500 | 16.2 | 72.3 | 74.9 | 76.0 | 76.9 | 77.0 | 77.5 | 77.9 | 77.9 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| IN 2000 | 16.5 | 73.8 | 76.4 | 77.6 | 78.5 | 78.6 | 79.1 | 79.6 | 79.6 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IN 1800 | 16.5 | 73.9 | 76.5 | 77.7 | 78.6 | 78.7 | 79.3 | 79.7 | 79.7 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| IN 1500 | 16.5 | 74.9 | 77.6 | 79.1 | 80.1 | 80.2 | 80.8 | 81.2 | 81.2 | 81.4 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| IN 1200 | 16.5 | 75.8 | 78.5 | 80.0 | 81.0 | 81.1 | 81.7 | 82.3 | 82.3 | 82.5 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IN 1000 | 16.5 | 76.7 | 79.6 | 81.1 | 82.2 | 82.3 | 83.0 | 83.7 | 83.7 | 84.0 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| IN 900 | 16.5 | 77.0 | 80.0 | 81.6 | 82.8 | 82.9 | 83.5 | 84.3 | 84.3 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IN 800 | 16.5 | 77.6 | 80.7 | 82.3 | 83.7 | 83.8 | 85.0 | 85.8 | 85.8 | 86.0 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| IN 700 | 16.5 | 77.7 | 80.8 | 82.8 | 84.6 | 84.7 | 86.0 | 86.8 | 86.8 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| IN 600 | 16.5 | 77.8 | 81.4 | 83.4 | 85.8 | 86.1 | 87.7 | 89.1 | 89.3 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| IN 500 | 16.5 | 78.3 | 82.0 | 84.4 | 86.7 | 87.2 | 89.0 | 90.9 | 91.3 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IN 400 | 16.5 | 78.4 | 82.2 | 84.7 | 87.0 | 87.6 | 89.5 | 91.8 | 92.2 | 92.8 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IN 300 | 16.5 | 78.4 | 82.3 | 84.9 | 87.3 | 87.9 | 90.0 | 93.1 | 93.9 | 95.0 | 96.1 | 96.3 | 96.4 | 96.6 | 96.7 | 96.7 |
| IN 200 | 16.5 | 78.4 | 82.3 | 84.9 | 87.3 | 87.9 | 90.2 | 93.3 | 94.2 | 95.3 | 96.6 | 97.2 | 97.6 | 98.4 | 98.5 | 98.6 |
| IN 100 | 16.5 | 78.4 | 82.3 | 84.9 | 87.3 | 87.9 | 90.2 | 93.3 | 94.2 | 95.3 | 96.6 | 97.2 | 97.8 | 98.7 | 99.2 | 99.7 |
| IN 0 | 16.5 | 78.4 | 82.3 | 84.9 | 87.3 | 87.9 | 90.2 | 93.3 | 94.2 | 95.3 | 96.6 | 97.2 | 97.8 | 98.7 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 13.2 | 42.7 | 43.5 | 43.7 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| ≥ 20000 | 13.5 | 47.7 | 48.5 | 48.7 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| N 18000 | 13.5 | 48.0 | 48.8 | 49.0 | 49.4 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| N 16000 | 13.5 | 48.2 | 49.0 | 49.2 | 49.7 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| N 14000 | 13.5 | 48.7 | 49.4 | 49.7 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| N 12000 | 13.5 | 50.4 | 51.2 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| N 10000 | 14.0 | 52.5 | 53.9 | 54.1 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| N 9000 | 14.2 | 53.2 | 54.6 | 54.8 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| N 8000 | 14.6 | 55.8 | 57.7 | 58.1 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| N 7000 | 14.9 | 57.8 | 59.8 | 60.2 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| N 6000 | 14.9 | 58.3 | 60.2 | 60.8 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| N 5000 | 15.0 | 59.7 | 61.8 | 62.3 | 62.8 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| N 4500 | 15.1 | 60.2 | 62.3 | 62.9 | 63.3 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| N 4000 | 15.6 | 64.4 | 66.6 | 67.2 | 67.6 | 67.7 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| N 3500 | 16.2 | 67.2 | 69.4 | 69.9 | 70.4 | 70.5 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| N 3000 | 16.6 | 71.7 | 73.9 | 74.7 | 75.2 | 75.3 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| N 2500 | 16.7 | 74.9 | 77.1 | 77.9 | 78.5 | 78.6 | 79.1 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| N 2000 | 17.1 | 77.0 | 79.4 | 80.3 | 80.9 | 81.1 | 81.5 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| N 1800 | 17.1 | 77.2 | 79.6 | 80.5 | 81.2 | 81.3 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| N 1500 | 17.1 | 79.6 | 82.2 | 83.4 | 84.0 | 84.1 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| N 1200 | 17.1 | 80.6 | 83.3 | 84.5 | 85.4 | 85.5 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| N 1000 | 17.1 | 80.9 | 83.8 | 85.4 | 86.5 | 86.7 | 87.2 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| N 900 | 17.1 | 81.3 | 84.4 | 86.1 | 87.6 | 87.8 | 88.3 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| N 800 | 17.1 | 81.5 | 85.0 | 86.8 | 88.7 | 88.9 | 89.5 | 90.0 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| N 700 | 17.1 | 81.8 | 85.6 | 87.4 | 89.8 | 90.0 | 90.9 | 91.3 | 91.3 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| N 600 | 17.1 | 82.3 | 86.0 | 88.0 | 90.7 | 91.2 | 92.2 | 92.6 | 92.7 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| N 500 | 17.1 | 82.6 | 86.5 | 88.5 | 91.4 | 92.5 | 94.2 | 94.6 | 94.8 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| N 400 | 17.1 | 82.6 | 86.7 | 88.9 | 92.4 | 93.3 | 95.0 | 95.8 | 96.4 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| N 300 | 17.1 | 82.7 | 86.8 | 89.1 | 92.8 | 93.6 | 95.5 | 96.4 | 97.1 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| N 200 | 17.1 | 82.7 | 86.8 | 89.1 | 92.8 | 93.6 | 95.6 | 96.5 | 97.2 | 98.3 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| N 100 | 17.1 | 82.7 | 86.8 | 89.1 | 92.8 | 93.6 | 95.6 | 96.5 | 97.2 | 98.3 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 |
| N 0 | 17.1 | 82.7 | 86.8 | 89.1 | 92.8 | 93.6 | 95.6 | 96.5 | 97.2 | 98.3 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927

BRUNSWICK NAS ME

69-70,73-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 14.0 | 46.6 | 47.8 | 47.9 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.1 |
| ≥ 20000 | 14.7 | 51.7 | 53.3 | 53.6 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.6 |
| IV 18000 | 14.7 | 51.9 | 53.4 | 53.7 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 |
| IV 16000 | 14.7 | 51.9 | 53.4 | 53.7 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 |
| IV 14000 | 14.7 | 52.4 | 53.9 | 54.3 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 |
| IV 12000 | 15.1 | 53.5 | 55.0 | 55.3 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.3 |
| IV 10000 | 15.7 | 55.7 | 57.4 | 57.8 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.7 |
| IV 9000 | 15.9 | 56.3 | 58.1 | 58.4 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 |
| IV 8000 | 16.3 | 60.3 | 62.0 | 62.9 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 |
| IV 7000 | 16.3 | 61.6 | 63.3 | 64.2 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 |
| IV 6000 | 16.3 | 62.2 | 64.0 | 64.8 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 |
| IV 5000 | 16.4 | 64.1 | 65.8 | 66.7 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.9 |
| IV 4500 | 16.6 | 64.8 | 66.6 | 67.5 | 68.3 | 68.3 | 68.3 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 |
| IV 4000 | 17.2 | 68.4 | 70.5 | 71.5 | 72.4 | 72.4 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 |
| IV 3500 | 17.6 | 71.0 | 73.1 | 74.1 | 75.0 | 75.0 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.4 |
| IV 3000 | 17.8 | 73.3 | 75.7 | 77.0 | 78.1 | 78.1 | 78.2 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 |
| IV 2500 | 18.0 | 76.7 | 79.3 | 80.6 | 81.7 | 81.7 | 81.8 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 |
| IV 2000 | 18.0 | 77.8 | 80.5 | 81.8 | 82.9 | 82.9 | 83.0 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 |
| IV 1800 | 18.0 | 77.9 | 80.7 | 82.0 | 83.1 | 83.1 | 83.2 | 83.8 | 83.8 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 |
| IV 1500 | 18.0 | 79.1 | 82.0 | 83.4 | 84.7 | 84.7 | 85.0 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 |
| IV 1200 | 18.0 | 79.6 | 82.8 | 84.3 | 85.8 | 85.9 | 86.2 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 |
| IV 1000 | 18.0 | 80.6 | 83.7 | 85.5 | 87.1 | 87.4 | 87.9 | 88.6 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 |
| IV 900 | 18.0 | 81.1 | 84.3 | 86.0 | 87.8 | 88.1 | 88.5 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 |
| IV 800 | 18.0 | 81.6 | 84.9 | 86.9 | 88.9 | 89.4 | 89.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 |
| IV 700 | 18.0 | 81.6 | 85.4 | 87.3 | 89.4 | 90.1 | 90.6 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 |
| IV 600 | 18.0 | 81.7 | 85.7 | 88.0 | 90.6 | 91.3 | 92.0 | 93.2 | 93.2 | 93.3 | 93.4 | 93.4 | 93.7 | 93.7 | 93.7 | 93.8 |
| IV 500 | 18.0 | 81.7 | 86.0 | 88.3 | 91.0 | 91.7 | 92.6 | 94.1 | 94.1 | 94.2 | 94.3 | 94.3 | 94.5 | 94.5 | 94.5 | 94.7 |
| IV 400 | 18.1 | 81.8 | 86.2 | 88.5 | 91.4 | 92.0 | 92.9 | 94.8 | 94.9 | 95.2 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 |
| IV 300 | 18.1 | 81.8 | 86.2 | 88.6 | 91.7 | 92.5 | 93.3 | 95.7 | 96.0 | 96.7 | 96.9 | 96.9 | 97.4 | 97.6 | 97.6 | 97.7 |
| IV 200 | 18.1 | 81.8 | 86.2 | 88.6 | 91.7 | 92.5 | 93.6 | 96.1 | 96.3 | 97.7 | 98.0 | 98.0 | 98.5 | 98.9 | 98.9 | 99.0 |
| IV 100 | 18.1 | 81.8 | 86.2 | 88.6 | 91.7 | 92.5 | 93.6 | 96.1 | 96.3 | 97.9 | 98.4 | 98.5 | 98.9 | 99.7 | 99.8 | 99.9 |
| IV 0 | 18.1 | 81.8 | 86.2 | 88.6 | 91.7 | 92.5 | 93.6 | 96.1 | 96.3 | 97.9 | 98.4 | 98.5 | 98.9 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743921

BRUNSWICK NAS ME

69-70,73-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 13.5 | 49.9 | 50.9 | 51.2 | 51.5 | 51.6 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 20000 | 14.0 | 53.9 | 55.1 | 55.5 | 56.0 | 56.2 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 18000 | 14.0 | 54.1 | 55.3 | 55.8 | 56.2 | 56.4 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 16000 | 14.0 | 54.1 | 55.3 | 55.8 | 56.2 | 56.4 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 14000 | 14.0 | 54.8 | 56.0 | 56.4 | 56.8 | 57.1 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 12000 | 14.3 | 56.3 | 57.5 | 58.1 | 58.5 | 58.7 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 10000 | 14.8 | 58.5 | 59.7 | 60.2 | 60.7 | 60.9 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| ≥ 9000 | 15.1 | 59.0 | 60.2 | 60.8 | 61.2 | 61.4 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 8000 | 15.2 | 61.6 | 63.4 | 64.1 | 64.5 | 64.7 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 7000 | 15.3 | 63.3 | 65.2 | 65.8 | 66.3 | 66.5 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 6000 | 15.4 | 64.4 | 66.3 | 67.0 | 67.5 | 67.7 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 5000 | 15.4 | 66.9 | 68.9 | 69.7 | 70.1 | 70.3 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 4500 | 15.7 | 68.2 | 70.2 | 71.0 | 71.4 | 71.6 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 4000 | 15.8 | 69.8 | 72.1 | 72.8 | 73.3 | 73.5 | 74.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 3500 | 16.1 | 71.2 | 73.8 | 74.6 | 75.0 | 75.2 | 75.8 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 3000 | 16.4 | 73.1 | 75.9 | 76.9 | 77.5 | 77.8 | 78.5 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 2500 | 16.6 | 76.2 | 79.6 | 81.2 | 81.9 | 82.1 | 82.9 | 83.2 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 2000 | 16.8 | 77.7 | 81.1 | 82.6 | 83.4 | 83.6 | 84.4 | 84.8 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 1800 | 16.8 | 77.7 | 81.1 | 82.6 | 83.4 | 83.6 | 84.4 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 1500 | 16.8 | 78.4 | 82.1 | 83.8 | 84.6 | 84.8 | 85.8 | 86.1 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 1200 | 16.8 | 79.1 | 82.6 | 84.2 | 85.0 | 85.2 | 86.4 | 86.7 | 86.7 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 1000 | 16.8 | 79.4 | 82.9 | 84.6 | 85.3 | 85.5 | 87.1 | 87.6 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 900 | 16.8 | 79.7 | 83.2 | 84.9 | 86.0 | 86.3 | 87.3 | 88.1 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 800 | 16.8 | 80.2 | 83.8 | 85.4 | 86.7 | 87.4 | 88.7 | 89.3 | 89.3 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 700 | 16.8 | 80.3 | 83.9 | 85.5 | 87.1 | 87.7 | 89.0 | 89.7 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 600 | 16.8 | 80.3 | 83.9 | 86.0 | 88.0 | 88.6 | 90.0 | 91.0 | 91.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 500 | 16.8 | 80.4 | 84.1 | 86.1 | 88.3 | 89.3 | 91.7 | 92.8 | 92.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 400 | 16.8 | 80.4 | 84.2 | 86.4 | 88.6 | 89.7 | 92.4 | 93.8 | 93.9 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 300 | 16.8 | 80.4 | 84.2 | 86.5 | 88.9 | 90.1 | 93.1 | 94.7 | 94.9 | 96.7 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 200 | 16.8 | 80.4 | 84.2 | 86.5 | 88.9 | 90.1 | 93.1 | 95.1 | 95.2 | 97.4 | 97.8 | 97.8 | 98.2 | 98.4 | 98.5 | 98.5 |
| ≥ 100 | 16.8 | 80.4 | 84.2 | 86.5 | 88.9 | 90.1 | 93.1 | 95.1 | 95.2 | 97.5 | 98.1 | 98.2 | 98.8 | 99.3 | 99.5 | 99.8 |
| ≥ 0 | 16.8 | 80.4 | 84.2 | 86.5 | 88.9 | 90.1 | 93.1 | 95.1 | 95.2 | 97.5 | 98.1 | 98.2 | 98.8 | 99.3 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927

BRUNSWICK NAS ME

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 13.8 | 49.0 | 50.5 | 50.8 | 51.6 | 51.8 | 51.8 | 52.2 | 52.2 | 52.5 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 53.3 |
| ≥ 20000 | 14.2 | 52.9 | 54.5 | 55.3 | 56.3 | 56.5 | 56.5 | 57.0 | 57.0 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 58.1 |
| ≥ 18000 | 14.2 | 52.9 | 54.5 | 55.3 | 56.3 | 56.5 | 56.5 | 57.0 | 57.0 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 58.1 |
| ≥ 16000 | 14.2 | 52.9 | 54.5 | 55.3 | 56.3 | 56.5 | 56.5 | 57.0 | 57.0 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 58.1 |
| ≥ 14000 | 14.2 | 53.2 | 54.9 | 55.6 | 56.6 | 56.8 | 56.8 | 57.4 | 57.4 | 57.6 | 57.8 | 57.8 | 57.8 | 57.8 | 58.0 | 58.5 |
| ≥ 12000 | 14.2 | 54.4 | 56.1 | 56.8 | 57.9 | 58.1 | 58.1 | 58.7 | 58.7 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.3 | 59.8 |
| ≥ 10000 | 14.6 | 56.9 | 58.6 | 59.5 | 60.5 | 60.8 | 60.8 | 61.3 | 61.3 | 61.5 | 61.7 | 61.7 | 61.7 | 61.7 | 62.0 | 62.4 |
| ≥ 9000 | 15.3 | 58.1 | 59.9 | 60.8 | 61.9 | 62.1 | 62.1 | 62.6 | 62.6 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.6 | 64.0 |
| ≥ 8000 | 15.7 | 60.1 | 62.6 | 63.6 | 64.9 | 65.2 | 65.2 | 65.8 | 65.8 | 66.3 | 66.6 | 66.6 | 66.6 | 66.6 | 66.8 | 67.2 |
| ≥ 7000 | 15.8 | 60.9 | 63.4 | 64.4 | 65.7 | 66.0 | 66.0 | 66.6 | 66.6 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.5 | 68.0 |
| ≥ 6000 | 16.2 | 62.7 | 65.2 | 66.2 | 67.5 | 67.9 | 67.9 | 68.4 | 68.4 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.4 | 69.8 |
| ≥ 5000 | 16.4 | 65.6 | 68.1 | 69.1 | 70.4 | 70.7 | 70.7 | 71.3 | 71.3 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.2 | 72.7 |
| ≥ 4500 | 16.6 | 66.9 | 69.4 | 70.5 | 71.8 | 72.1 | 72.1 | 72.7 | 72.7 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.7 | 74.1 |
| ≥ 4000 | 16.7 | 68.6 | 71.1 | 72.2 | 73.6 | 73.9 | 73.9 | 74.4 | 74.4 | 75.0 | 75.2 | 75.2 | 75.2 | 75.2 | 75.4 | 75.8 |
| ≥ 3500 | 16.7 | 69.2 | 71.7 | 72.8 | 74.1 | 74.4 | 74.4 | 75.0 | 75.0 | 75.5 | 75.7 | 75.7 | 75.7 | 75.7 | 76.0 | 76.4 |
| ≥ 3000 | 17.2 | 71.1 | 74.1 | 75.4 | 76.7 | 77.0 | 77.0 | 77.6 | 77.6 | 78.1 | 78.4 | 78.4 | 78.4 | 78.4 | 78.6 | 79.0 |
| ≥ 2500 | 17.4 | 72.8 | 75.8 | 77.6 | 78.9 | 79.2 | 79.3 | 80.0 | 80.0 | 80.5 | 80.8 | 80.8 | 80.8 | 80.8 | 81.0 | 81.4 |
| ≥ 2000 | 17.4 | 73.9 | 77.2 | 79.9 | 80.5 | 80.9 | 81.3 | 82.0 | 82.0 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 83.0 | 83.4 |
| ≥ 1800 | 17.4 | 73.8 | 77.2 | 78.9 | 80.5 | 80.9 | 81.3 | 82.0 | 82.0 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 83.0 | 83.4 |
| ≥ 1500 | 17.5 | 74.3 | 77.7 | 79.4 | 81.3 | 81.6 | 82.1 | 82.7 | 83.0 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 84.0 | 84.5 |
| ≥ 1200 | 17.6 | 74.9 | 78.3 | 80.4 | 82.5 | 82.8 | 83.5 | 84.2 | 84.4 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.5 | 85.9 |
| ≥ 1000 | 17.6 | 75.1 | 78.5 | 80.8 | 82.8 | 83.2 | 83.8 | 84.7 | 84.9 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 86.0 | 86.4 |
| ≥ 900 | 17.6 | 75.1 | 78.5 | 81.0 | 83.2 | 83.6 | 84.3 | 85.1 | 85.4 | 86.0 | 86.2 | 86.2 | 86.2 | 86.2 | 86.4 | 86.9 |
| ≥ 800 | 17.6 | 75.6 | 79.0 | 81.5 | 83.8 | 84.3 | 85.1 | 86.1 | 86.3 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 | 87.4 | 87.9 |
| ≥ 700 | 17.6 | 75.8 | 79.2 | 81.7 | 84.4 | 85.0 | 86.0 | 87.1 | 87.3 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.4 | 88.9 |
| ≥ 600 | 17.6 | 76.1 | 79.5 | 82.0 | 85.1 | 86.2 | 87.5 | 89.0 | 89.2 | 90.1 | 90.3 | 90.3 | 90.3 | 90.5 | 90.7 | 91.1 |
| ≥ 500 | 17.6 | 76.2 | 79.7 | 82.3 | 85.9 | 87.2 | 89.1 | 91.0 | 91.3 | 92.3 | 92.6 | 92.6 | 92.9 | 92.9 | 93.1 | 93.6 |
| ≥ 400 | 17.6 | 76.3 | 80.1 | 82.7 | 86.6 | 88.2 | 90.2 | 92.1 | 92.3 | 93.4 | 93.9 | 93.9 | 94.2 | 94.2 | 94.4 | 94.9 |
| ≥ 300 | 17.6 | 76.3 | 80.1 | 82.7 | 86.7 | 88.3 | 90.4 | 92.5 | 92.7 | 94.0 | 94.9 | 94.9 | 95.4 | 95.4 | 95.6 | 96.1 |
| ≥ 200 | 17.6 | 76.3 | 80.2 | 83.0 | 87.1 | 88.7 | 90.8 | 93.1 | 93.3 | 94.6 | 95.7 | 95.7 | 96.6 | 96.6 | 97.2 | 97.6 |
| ≥ 100 | 17.6 | 76.3 | 80.2 | 83.0 | 87.1 | 88.7 | 90.8 | 93.1 | 93.3 | 94.6 | 95.7 | 95.7 | 96.6 | 96.6 | 97.2 | 97.6 |
| ≥ 0 | 17.6 | 76.3 | 80.2 | 83.0 | 87.1 | 88.7 | 90.8 | 93.1 | 93.3 | 94.6 | 95.7 | 95.7 | 96.6 | 96.6 | 97.2 | 97.6 |

TOTAL NUMBER OF OBSERVATIONS 915

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATIONBRUNSWICK NAS ME
STATION NAME69-70,73-80
YEARSOCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 13.0 | 45.0 | 46.3 | 46.7 | 47.3 | 47.4 | 47.7 | 48.1 | 48.1 | 48.3 | 48.5 | 48.5 | 48.7 | 48.7 | 48.9 | 49.4 |
| ≥ 20000 | 13.5 | 48.7 | 50.1 | 50.8 | 51.5 | 51.6 | 52.0 | 52.4 | 52.4 | 52.7 | 52.9 | 52.9 | 53.0 | 53.1 | 53.3 | 53.9 |
| IV 18000 | 13.5 | 48.8 | 50.2 | 50.9 | 51.7 | 51.8 | 52.1 | 52.6 | 52.6 | 52.8 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 54.0 |
| IV 16000 | 13.5 | 48.9 | 50.2 | 50.9 | 51.7 | 51.8 | 52.1 | 52.6 | 52.6 | 52.9 | 53.1 | 53.1 | 53.2 | 53.3 | 53.5 | 54.1 |
| IV 14000 | 13.6 | 49.3 | 50.7 | 51.4 | 52.2 | 52.3 | 52.6 | 53.1 | 53.1 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 54.0 | 54.6 |
| IV 12000 | 13.7 | 50.6 | 52.0 | 52.8 | 53.6 | 53.7 | 54.0 | 54.5 | 54.5 | 54.8 | 55.0 | 55.0 | 55.1 | 55.3 | 55.4 | 56.0 |
| IV 10000 | 14.1 | 52.5 | 54.1 | 54.8 | 55.6 | 55.8 | 56.1 | 56.6 | 56.6 | 56.8 | 57.0 | 57.1 | 57.2 | 57.3 | 57.5 | 58.1 |
| IV 9000 | 14.2 | 53.1 | 54.7 | 55.5 | 56.4 | 56.5 | 56.9 | 57.3 | 57.3 | 57.6 | 57.8 | 57.8 | 58.0 | 58.1 | 58.3 | 58.9 |
| IV 8000 | 14.6 | 56.3 | 58.3 | 59.4 | 60.4 | 60.5 | 61.0 | 61.5 | 61.5 | 61.8 | 62.1 | 62.1 | 62.2 | 62.4 | 62.5 | 63.1 |
| IV 7000 | 14.7 | 57.3 | 59.4 | 60.4 | 61.4 | 61.5 | 62.0 | 62.6 | 62.6 | 62.9 | 63.2 | 63.2 | 63.3 | 63.5 | 63.6 | 64.2 |
| IV 6000 | 14.8 | 58.3 | 60.5 | 61.6 | 62.6 | 62.7 | 63.2 | 63.7 | 63.8 | 64.1 | 64.4 | 64.4 | 64.6 | 64.7 | 64.8 | 65.5 |
| IV 5000 | 14.9 | 60.2 | 62.5 | 63.6 | 64.6 | 64.8 | 65.2 | 65.8 | 65.9 | 66.2 | 66.5 | 66.5 | 66.7 | 66.8 | 66.9 | 67.6 |
| IV 4500 | 15.1 | 61.0 | 63.4 | 64.5 | 65.5 | 65.7 | 66.2 | 66.8 | 66.8 | 67.2 | 67.4 | 67.5 | 67.6 | 67.7 | 67.9 | 68.5 |
| IV 4000 | 15.3 | 63.6 | 66.1 | 67.3 | 68.3 | 68.5 | 69.1 | 69.7 | 69.7 | 70.1 | 70.4 | 70.4 | 70.6 | 70.7 | 70.8 | 71.5 |
| IV 3500 | 15.6 | 65.4 | 68.1 | 69.4 | 70.4 | 70.6 | 71.2 | 71.8 | 71.8 | 72.2 | 72.5 | 72.5 | 72.7 | 72.8 | 72.9 | 73.6 |
| IV 3000 | 15.8 | 68.2 | 71.0 | 72.5 | 73.8 | 73.9 | 74.6 | 75.3 | 75.3 | 75.7 | 76.0 | 76.0 | 76.2 | 76.3 | 76.5 | 77.1 |
| IV 2500 | 16.0 | 70.3 | 73.3 | 75.0 | 76.4 | 76.6 | 77.3 | 78.0 | 78.0 | 78.4 | 78.7 | 78.8 | 78.9 | 79.1 | 79.2 | 79.9 |
| IV 2000 | 16.1 | 71.4 | 74.5 | 76.3 | 77.8 | 78.0 | 78.9 | 79.6 | 79.6 | 80.0 | 80.4 | 80.4 | 80.6 | 80.7 | 80.9 | 81.5 |
| IV 1800 | 16.1 | 71.4 | 74.6 | 76.4 | 77.9 | 78.1 | 79.0 | 79.7 | 79.7 | 80.2 | 80.5 | 80.5 | 80.7 | 80.8 | 81.0 | 81.6 |
| IV 1500 | 16.1 | 72.4 | 75.6 | 77.6 | 79.1 | 79.3 | 80.3 | 81.0 | 81.0 | 81.5 | 81.9 | 81.9 | 82.0 | 82.2 | 82.4 | 83.0 |
| IV 1200 | 16.1 | 72.9 | 76.3 | 78.4 | 80.0 | 80.2 | 81.2 | 82.0 | 82.1 | 82.6 | 82.9 | 82.9 | 83.1 | 83.2 | 83.4 | 84.1 |
| IV 1000 | 16.1 | 73.6 | 77.0 | 79.3 | 81.2 | 81.4 | 82.5 | 83.4 | 83.5 | 84.0 | 84.4 | 84.4 | 84.5 | 84.7 | 84.9 | 85.5 |
| IV 900 | 16.1 | 73.9 | 77.4 | 79.7 | 81.7 | 82.0 | 83.1 | 84.0 | 84.1 | 84.6 | 85.0 | 85.0 | 85.2 | 85.3 | 85.5 | 86.1 |
| IV 800 | 16.1 | 74.3 | 77.9 | 80.3 | 82.6 | 82.9 | 84.2 | 85.2 | 85.3 | 85.8 | 86.2 | 86.2 | 86.4 | 86.5 | 86.7 | 87.4 |
| IV 700 | 16.1 | 74.6 | 78.4 | 80.9 | 83.4 | 83.8 | 85.2 | 86.3 | 86.4 | 87.0 | 87.4 | 87.4 | 87.6 | 87.7 | 87.9 | 88.5 |
| IV 600 | 16.1 | 74.8 | 78.8 | 81.5 | 84.4 | 85.0 | 86.6 | 88.0 | 88.2 | 88.9 | 89.3 | 89.3 | 89.5 | 89.7 | 89.9 | 90.5 |
| IV 500 | 16.1 | 75.0 | 79.1 | 81.9 | 85.2 | 85.9 | 87.8 | 89.5 | 89.7 | 90.6 | 91.0 | 91.1 | 91.3 | 91.5 | 91.7 | 92.3 |
| IV 400 | 16.2 | 75.1 | 79.3 | 82.2 | 85.6 | 86.4 | 88.6 | 90.6 | 91.0 | 92.0 | 92.6 | 92.6 | 92.9 | 93.0 | 93.2 | 93.9 |
| IV 300 | 16.2 | 75.1 | 79.3 | 82.3 | 85.8 | 86.7 | 88.9 | 91.6 | 92.0 | 93.5 | 94.3 | 94.4 | 94.7 | 94.9 | 95.1 | 95.8 |
| IV 200 | 16.2 | 75.1 | 79.3 | 82.4 | 85.8 | 86.8 | 89.1 | 91.9 | 92.4 | 94.1 | 95.2 | 95.4 | 96.0 | 96.4 | 96.7 | 97.5 |
| IV 100 | 16.2 | 75.1 | 79.3 | 82.4 | 85.8 | 86.8 | 89.1 | 91.9 | 92.4 | 94.1 | 95.4 | 95.6 | 96.3 | 97.1 | 97.6 | 99.0 |
| IV 0 | 16.2 | 75.1 | 79.3 | 82.4 | 85.8 | 86.8 | 89.1 | 91.9 | 92.4 | 94.1 | 95.4 | 95.6 | 96.3 | 97.1 | 97.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7323

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.A.T.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 8.4 | 42.2 | 43.1 | 44.1 | 44.8 | 44.8 | 45.3 | 45.4 | 45.4 | 45.5 | 45.7 | 45.7 | 46.2 | 46.3 | 46.4 | 46.6 |
| ≥ 20000 | 8.9 | 46.2 | 47.7 | 48.8 | 49.4 | 49.5 | 50.1 | 50.2 | 50.2 | 50.5 | 50.7 | 50.7 | 51.1 | 51.2 | 51.5 | 51.7 |
| IV 18000 | 8.9 | 46.2 | 47.7 | 48.9 | 49.5 | 49.7 | 50.2 | 50.3 | 50.3 | 50.6 | 50.8 | 50.8 | 51.2 | 51.4 | 51.6 | 51.8 |
| IV 16000 | 8.9 | 46.2 | 47.7 | 48.9 | 49.5 | 49.7 | 50.2 | 50.3 | 50.3 | 50.6 | 50.8 | 50.8 | 51.2 | 51.4 | 51.6 | 51.8 |
| IV 14000 | 9.2 | 47.0 | 48.5 | 49.8 | 50.5 | 50.6 | 51.1 | 51.2 | 51.2 | 51.5 | 51.7 | 51.7 | 52.1 | 52.3 | 52.5 | 52.7 |
| IV 12000 | 9.3 | 47.9 | 49.5 | 50.8 | 51.5 | 51.6 | 52.1 | 52.3 | 52.3 | 52.5 | 52.7 | 52.7 | 53.2 | 53.3 | 53.5 | 53.7 |
| IV 10000 | 9.5 | 50.0 | 51.8 | 53.0 | 53.7 | 53.8 | 54.4 | 54.5 | 54.5 | 54.7 | 55.0 | 55.0 | 55.4 | 55.5 | 55.7 | 56.0 |
| IV 9000 | 9.5 | 50.1 | 51.9 | 53.2 | 53.8 | 53.9 | 54.5 | 54.6 | 54.6 | 54.8 | 55.1 | 55.1 | 55.5 | 55.6 | 55.9 | 56.1 |
| IV 8000 | 10.0 | 51.5 | 53.4 | 54.7 | 55.9 | 56.1 | 56.8 | 57.0 | 57.0 | 57.2 | 57.4 | 57.4 | 57.9 | 58.0 | 58.2 | 58.4 |
| IV 7000 | 10.0 | 51.9 | 53.8 | 55.2 | 56.3 | 56.5 | 57.2 | 57.5 | 57.5 | 57.8 | 58.0 | 58.0 | 58.4 | 58.6 | 58.8 | 59.0 |
| IV 6000 | 10.0 | 52.7 | 54.6 | 56.0 | 57.1 | 57.3 | 58.0 | 58.3 | 58.3 | 58.6 | 58.8 | 58.8 | 59.2 | 59.3 | 59.6 | 59.8 |
| IV 5000 | 10.2 | 55.0 | 57.0 | 58.3 | 59.7 | 59.9 | 60.6 | 60.9 | 60.9 | 61.1 | 61.5 | 61.5 | 61.9 | 62.0 | 62.3 | 62.5 |
| IV 4500 | 10.4 | 56.0 | 58.0 | 59.5 | 60.8 | 61.0 | 61.7 | 62.0 | 62.0 | 62.3 | 62.6 | 62.6 | 63.1 | 63.2 | 63.4 | 63.6 |
| IV 4000 | 10.4 | 58.8 | 61.1 | 62.6 | 64.6 | 64.9 | 65.5 | 66.0 | 66.0 | 66.3 | 66.7 | 66.7 | 67.2 | 67.3 | 67.6 | 67.8 |
| IV 3500 | 10.6 | 59.9 | 62.5 | 64.1 | 66.1 | 66.3 | 67.0 | 67.5 | 67.5 | 67.8 | 68.1 | 68.1 | 68.7 | 68.8 | 69.0 | 69.3 |
| IV 3000 | 10.6 | 62.3 | 65.1 | 66.8 | 69.1 | 69.4 | 70.0 | 70.5 | 70.5 | 70.8 | 71.2 | 71.2 | 71.7 | 71.8 | 72.1 | 72.3 |
| IV 2500 | 10.6 | 63.6 | 66.8 | 69.4 | 71.8 | 72.1 | 72.7 | 73.2 | 73.2 | 73.5 | 73.9 | 73.9 | 74.4 | 74.5 | 74.8 | 75.0 |
| IV 2000 | 10.7 | 65.0 | 68.5 | 71.3 | 74.1 | 74.3 | 75.1 | 75.8 | 75.8 | 76.1 | 76.5 | 76.6 | 77.1 | 77.3 | 77.5 | 77.7 |
| IV 1800 | 10.7 | 65.2 | 68.8 | 71.6 | 74.7 | 74.9 | 75.7 | 76.4 | 76.4 | 76.7 | 77.0 | 77.1 | 77.7 | 77.8 | 78.0 | 78.3 |
| IV 1500 | 10.8 | 65.9 | 69.8 | 72.9 | 76.2 | 76.5 | 77.4 | 78.0 | 78.0 | 78.5 | 78.8 | 78.9 | 79.5 | 79.6 | 79.8 | 80.1 |
| IV 1200 | 10.8 | 66.2 | 70.2 | 73.2 | 76.7 | 76.9 | 77.9 | 78.6 | 78.6 | 79.1 | 79.4 | 79.7 | 80.3 | 80.4 | 80.6 | 80.9 |
| IV 1000 | 10.8 | 66.7 | 70.7 | 73.9 | 77.5 | 77.9 | 79.4 | 80.2 | 80.4 | 80.9 | 81.2 | 81.5 | 82.2 | 82.3 | 82.5 | 82.8 |
| IV 900 | 10.8 | 66.9 | 71.1 | 74.5 | 78.2 | 78.7 | 80.2 | 81.1 | 81.3 | 81.8 | 82.1 | 82.4 | 83.1 | 83.2 | 83.4 | 83.7 |
| IV 800 | 10.8 | 67.2 | 71.4 | 75.0 | 79.1 | 79.6 | 81.1 | 82.1 | 82.3 | 83.0 | 83.4 | 83.8 | 84.5 | 84.6 | 84.8 | 85.0 |
| IV 700 | 10.8 | 67.6 | 71.8 | 75.7 | 79.7 | 80.3 | 81.9 | 83.0 | 83.2 | 84.0 | 84.5 | 84.8 | 85.5 | 85.6 | 85.8 | 86.0 |
| IV 600 | 10.8 | 68.1 | 72.6 | 76.9 | 81.1 | 81.6 | 83.3 | 84.6 | 84.8 | 85.6 | 86.1 | 86.5 | 87.2 | 87.3 | 87.5 | 87.7 |
| IV 500 | 10.8 | 68.2 | 72.7 | 77.3 | 81.5 | 82.2 | 84.1 | 85.8 | 86.0 | 86.8 | 87.4 | 87.7 | 88.6 | 88.7 | 89.1 | 89.3 |
| IV 400 | 10.8 | 68.5 | 73.0 | 77.7 | 82.4 | 83.2 | 85.9 | 88.2 | 88.4 | 89.4 | 90.3 | 90.8 | 91.8 | 91.9 | 92.2 | 92.5 |
| IV 300 | 10.8 | 68.5 | 73.0 | 77.7 | 82.5 | 83.3 | 86.3 | 88.6 | 88.9 | 90.1 | 91.0 | 91.4 | 92.9 | 93.0 | 93.5 | 93.7 |
| IV 200 | 10.8 | 68.5 | 73.0 | 77.7 | 82.8 | 83.6 | 86.6 | 89.1 | 89.5 | 91.3 | 92.5 | 93.0 | 94.7 | 94.8 | 95.8 | 96.2 |
| IV 100 | 10.8 | 68.5 | 73.0 | 77.7 | 82.9 | 83.7 | 86.7 | 89.2 | 89.6 | 91.4 | 92.6 | 93.2 | 95.2 | 95.6 | 96.6 | 97.7 |
| IV 0 | 10.8 | 68.5 | 73.0 | 77.7 | 82.9 | 83.7 | 86.7 | 89.2 | 89.6 | 91.4 | 92.6 | 93.2 | 95.2 | 95.6 | 96.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 888

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0320-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 9.7 | 41.5 | 42.2 | 42.8 | 43.7 | 43.9 | 44.3 | 44.3 | 44.6 | 44.9 | 45.5 | 45.5 | 45.7 | 45.8 | 45.9 | 46.5 |
| ≥ 20000 | 9.7 | 44.9 | 45.8 | 46.5 | 47.4 | 47.6 | 48.0 | 48.0 | 48.3 | 48.6 | 49.2 | 49.2 | 49.4 | 49.5 | 49.6 | 50.2 |
| IN 18000 | 9.7 | 45.0 | 45.9 | 46.9 | 47.8 | 48.0 | 48.5 | 48.5 | 48.7 | 49.0 | 49.6 | 49.6 | 49.8 | 49.9 | 50.1 | 50.6 |
| IN 16000 | 9.7 | 45.0 | 45.9 | 46.9 | 47.8 | 48.0 | 48.5 | 48.5 | 48.7 | 49.0 | 49.6 | 49.6 | 49.8 | 49.9 | 50.1 | 50.6 |
| IN 14000 | 9.7 | 45.5 | 46.4 | 47.4 | 48.3 | 48.5 | 48.9 | 48.9 | 49.2 | 49.5 | 50.1 | 50.1 | 50.3 | 50.4 | 50.5 | 51.1 |
| IN 12000 | 10.0 | 46.1 | 47.0 | 48.0 | 48.9 | 49.2 | 49.6 | 49.6 | 49.8 | 50.2 | 50.7 | 50.7 | 51.0 | 51.1 | 51.2 | 51.7 |
| IN 10000 | 10.1 | 48.6 | 49.5 | 50.7 | 51.6 | 51.8 | 52.3 | 52.6 | 52.9 | 53.2 | 53.8 | 53.8 | 54.0 | 54.1 | 54.2 | 54.8 |
| IN 9000 | 10.2 | 49.0 | 49.9 | 51.3 | 52.2 | 52.4 | 52.9 | 53.2 | 53.4 | 53.8 | 54.3 | 54.3 | 54.5 | 54.6 | 54.8 | 55.3 |
| IN 8000 | 10.4 | 51.0 | 51.8 | 53.5 | 54.4 | 54.6 | 55.1 | 55.7 | 56.0 | 56.3 | 56.9 | 56.9 | 57.1 | 57.2 | 57.3 | 57.9 |
| IN 7000 | 10.4 | 51.8 | 52.7 | 54.4 | 55.3 | 55.5 | 56.0 | 56.6 | 56.9 | 57.2 | 57.8 | 57.8 | 58.0 | 58.1 | 58.2 | 58.8 |
| IN 6000 | 10.8 | 52.6 | 53.5 | 55.4 | 56.3 | 56.6 | 57.0 | 57.6 | 57.9 | 58.2 | 58.8 | 58.8 | 59.1 | 59.2 | 59.4 | 59.9 |
| IN 5000 | 10.8 | 54.1 | 55.2 | 57.3 | 58.3 | 58.6 | 59.0 | 59.6 | 59.9 | 60.4 | 61.1 | 61.1 | 61.5 | 61.6 | 61.7 | 62.3 |
| IN 4500 | 10.8 | 55.8 | 56.9 | 59.4 | 60.5 | 60.7 | 61.1 | 61.7 | 62.0 | 62.5 | 63.3 | 63.3 | 63.6 | 63.7 | 63.8 | 64.4 |
| IN 4000 | 11.2 | 58.6 | 59.8 | 62.4 | 63.7 | 63.9 | 64.4 | 64.9 | 65.3 | 65.7 | 66.5 | 66.5 | 66.9 | 67.0 | 67.1 | 67.6 |
| IN 3500 | 11.5 | 59.7 | 61.1 | 63.7 | 65.1 | 65.3 | 65.8 | 66.4 | 66.7 | 67.2 | 68.0 | 68.0 | 68.3 | 68.4 | 68.5 | 69.1 |
| IN 3000 | 11.6 | 62.2 | 63.8 | 66.4 | 67.9 | 68.2 | 69.0 | 69.5 | 69.9 | 70.3 | 71.1 | 71.1 | 71.4 | 71.6 | 71.7 | 72.2 |
| IN 2500 | 11.8 | 63.6 | 65.4 | 68.1 | 69.7 | 70.0 | 70.9 | 71.4 | 71.8 | 72.2 | 73.0 | 73.0 | 73.3 | 73.5 | 73.6 | 74.1 |
| IN 2000 | 11.8 | 65.7 | 67.9 | 71.1 | 72.8 | 73.1 | 74.1 | 74.9 | 75.3 | 75.8 | 76.6 | 76.6 | 76.9 | 77.0 | 77.2 | 77.7 |
| IN 1800 | 11.8 | 65.8 | 68.0 | 71.2 | 72.9 | 73.2 | 74.4 | 75.1 | 75.5 | 76.1 | 76.9 | 76.9 | 77.3 | 77.4 | 77.5 | 78.1 |
| IN 1500 | 11.9 | 66.5 | 68.6 | 72.2 | 73.9 | 74.5 | 75.6 | 76.7 | 77.0 | 77.8 | 78.6 | 78.6 | 78.9 | 79.1 | 79.2 | 79.7 |
| IN 1200 | 11.9 | 67.4 | 69.5 | 73.2 | 75.0 | 75.8 | 77.2 | 78.4 | 78.7 | 79.5 | 80.3 | 80.4 | 80.7 | 80.9 | 81.0 | 81.5 |
| IN 1000 | 11.9 | 67.7 | 69.9 | 73.7 | 75.5 | 76.3 | 77.8 | 79.1 | 79.4 | 80.2 | 81.0 | 81.2 | 81.5 | 81.6 | 81.7 | 82.3 |
| IN 900 | 11.9 | 67.9 | 70.0 | 74.1 | 75.9 | 76.8 | 78.4 | 79.6 | 80.0 | 80.7 | 81.5 | 81.7 | 82.1 | 82.2 | 82.3 | 82.9 |
| IN 800 | 11.9 | 68.2 | 70.3 | 74.6 | 76.6 | 77.5 | 79.1 | 80.5 | 80.9 | 81.6 | 82.5 | 82.8 | 83.1 | 83.2 | 83.3 | 83.9 |
| IN 700 | 11.9 | 68.2 | 70.3 | 74.7 | 77.2 | 78.2 | 79.8 | 81.3 | 81.6 | 82.4 | 83.3 | 83.5 | 83.9 | 84.0 | 84.1 | 84.7 |
| IN 600 | 11.9 | 68.3 | 70.8 | 75.4 | 78.2 | 79.2 | 81.1 | 82.6 | 83.0 | 83.8 | 84.7 | 84.9 | 85.2 | 85.3 | 85.4 | 86.0 |
| IN 500 | 11.9 | 68.4 | 70.9 | 75.8 | 79.3 | 80.5 | 82.8 | 84.8 | 85.1 | 86.1 | 87.0 | 87.5 | 88.0 | 88.1 | 88.6 | 89.1 |
| IN 400 | 11.9 | 68.4 | 71.1 | 76.3 | 80.2 | 81.7 | 84.4 | 86.9 | 87.2 | 89.2 | 90.1 | 90.6 | 91.2 | 91.3 | 91.7 | 92.3 |
| IN 300 | 11.9 | 68.5 | 71.2 | 76.5 | 81.0 | 82.6 | 85.6 | 88.8 | 89.1 | 91.3 | 92.2 | 92.8 | 93.4 | 93.7 | 94.3 | 94.8 |
| IN 200 | 11.9 | 68.5 | 71.2 | 76.5 | 81.0 | 82.6 | 85.6 | 88.9 | 89.2 | 91.4 | 92.5 | 93.2 | 94.0 | 94.4 | 95.0 | 95.5 |
| IN 100 | 11.9 | 68.5 | 71.2 | 76.5 | 81.1 | 82.8 | 85.7 | 89.0 | 89.4 | 91.5 | 92.6 | 93.4 | 94.4 | 95.2 | 96.1 | 97.0 |
| IN 0 | 11.9 | 68.5 | 71.2 | 76.5 | 81.1 | 82.8 | 85.7 | 89.0 | 89.4 | 91.5 | 92.6 | 93.4 | 94.4 | 95.2 | 96.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70392 BRUNSWICK NAS ME

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 7.5 | 39.2 | 41.2 | 40.5 | 41.1 | 41.1 | 41.6 | 42.0 | 42.0 | 42.2 | 42.2 | 42.2 | 42.2 | 42.5 | 42.6 | 42.8 |
| ≥ 20000 | 8.3 | 42.5 | 43.5 | 44.2 | 44.8 | 44.8 | 45.3 | 45.8 | 45.8 | 46.0 | 46.0 | 46.0 | 46.0 | 46.4 | 46.6 | 46.7 |
| ≥ 18000 | 8.3 | 42.9 | 43.9 | 44.4 | 45.2 | 45.2 | 45.8 | 46.2 | 46.2 | 46.5 | 46.5 | 46.5 | 46.5 | 46.8 | 47.0 | 47.1 |
| ≥ 16000 | 8.3 | 43.0 | 44.1 | 44.7 | 45.5 | 45.5 | 46.0 | 46.5 | 46.5 | 46.7 | 46.7 | 46.7 | 46.7 | 47.0 | 47.3 | 47.4 |
| ≥ 14000 | 8.3 | 43.2 | 44.3 | 44.9 | 45.7 | 45.7 | 46.2 | 46.7 | 46.7 | 46.9 | 46.9 | 46.9 | 46.9 | 47.3 | 47.5 | 47.6 |
| ≥ 12000 | 8.1 | 44.0 | 45.1 | 45.8 | 46.6 | 46.6 | 47.1 | 47.7 | 47.7 | 47.9 | 47.9 | 47.9 | 47.9 | 48.3 | 48.5 | 48.6 |
| ≥ 10000 | 8.4 | 46.5 | 47.7 | 48.5 | 49.3 | 49.3 | 49.9 | 50.5 | 50.5 | 50.8 | 51.0 | 51.0 | 51.3 | 51.5 | 51.6 | 52.4 |
| ≥ 9000 | 8.4 | 46.8 | 48.3 | 49.0 | 49.8 | 49.8 | 50.5 | 51.2 | 51.2 | 51.6 | 51.7 | 51.7 | 52.1 | 52.3 | 52.4 | 53.2 |
| ≥ 8000 | 8.6 | 50.4 | 52.2 | 53.0 | 53.9 | 54.0 | 55.1 | 55.8 | 55.9 | 56.3 | 56.5 | 56.5 | 56.9 | 57.1 | 57.4 | 58.2 |
| ≥ 7000 | 8.9 | 52.3 | 54.2 | 55.0 | 55.9 | 56.0 | 57.1 | 57.9 | 58.0 | 58.5 | 58.7 | 58.7 | 59.1 | 59.4 | 59.6 | 60.5 |
| ≥ 6000 | 9.0 | 53.2 | 55.1 | 55.9 | 56.8 | 56.9 | 58.1 | 58.9 | 59.0 | 59.5 | 59.8 | 59.8 | 60.3 | 60.5 | 60.7 | 61.6 |
| ≥ 5000 | 9.1 | 55.1 | 57.1 | 58.2 | 59.1 | 59.4 | 60.6 | 61.4 | 61.5 | 62.2 | 62.5 | 62.5 | 63.0 | 63.2 | 63.4 | 64.3 |
| ≥ 4500 | 9.1 | 56.5 | 58.5 | 59.6 | 60.5 | 60.7 | 62.0 | 62.7 | 62.9 | 63.5 | 63.9 | 63.9 | 64.3 | 64.5 | 64.8 | 65.7 |
| ≥ 4000 | 9.1 | 59.1 | 61.5 | 62.9 | 64.0 | 64.2 | 65.4 | 66.3 | 66.4 | 67.1 | 67.5 | 67.5 | 67.9 | 68.1 | 68.4 | 69.2 |
| ≥ 3500 | 9.1 | 60.0 | 62.4 | 63.9 | 65.0 | 65.2 | 66.4 | 67.3 | 67.5 | 68.1 | 68.5 | 68.5 | 68.9 | 69.1 | 69.4 | 70.3 |
| ≥ 3000 | 9.1 | 61.4 | 64.5 | 66.3 | 67.5 | 67.7 | 68.9 | 70.0 | 70.1 | 70.8 | 71.2 | 71.2 | 71.6 | 71.8 | 72.1 | 73.0 |
| ≥ 2500 | 9.2 | 63.3 | 66.4 | 68.5 | 69.8 | 70.1 | 71.5 | 72.6 | 72.7 | 73.4 | 73.7 | 73.7 | 74.2 | 74.4 | 74.6 | 75.5 |
| ≥ 2000 | 9.5 | 65.7 | 69.1 | 71.4 | 72.7 | 73.1 | 74.5 | 75.8 | 75.9 | 76.7 | 77.0 | 77.0 | 77.4 | 77.7 | 78.0 | 78.9 |
| ≥ 1800 | 9.5 | 66.0 | 69.5 | 71.7 | 73.2 | 73.5 | 75.0 | 76.2 | 76.3 | 77.2 | 77.6 | 77.6 | 78.0 | 78.2 | 78.6 | 79.5 |
| ≥ 1500 | 9.5 | 66.4 | 70.1 | 72.4 | 74.1 | 74.6 | 76.3 | 77.7 | 77.8 | 78.8 | 79.1 | 79.1 | 79.6 | 79.8 | 80.1 | 81.0 |
| ≥ 1200 | 9.5 | 67.2 | 71.2 | 73.6 | 75.3 | 76.1 | 77.9 | 79.3 | 79.5 | 80.5 | 80.8 | 80.8 | 81.3 | 81.5 | 81.8 | 82.7 |
| ≥ 1000 | 9.5 | 67.7 | 71.8 | 74.3 | 76.0 | 76.9 | 78.8 | 80.2 | 80.4 | 81.4 | 81.7 | 81.7 | 82.2 | 82.4 | 82.7 | 83.6 |
| ≥ 900 | 9.5 | 67.9 | 72.2 | 74.6 | 76.5 | 77.4 | 79.3 | 80.8 | 80.9 | 81.9 | 82.3 | 82.3 | 82.7 | 82.9 | 83.3 | 84.2 |
| ≥ 800 | 9.5 | 68.4 | 72.7 | 75.2 | 77.1 | 78.0 | 79.9 | 81.4 | 81.5 | 82.6 | 82.9 | 82.9 | 83.4 | 83.6 | 84.0 | 84.8 |
| ≥ 700 | 9.5 | 68.6 | 73.0 | 75.8 | 77.8 | 78.7 | 80.6 | 82.0 | 82.2 | 83.3 | 83.7 | 83.7 | 84.2 | 84.4 | 84.7 | 85.6 |
| ≥ 600 | 9.5 | 68.6 | 73.1 | 75.9 | 78.1 | 79.1 | 81.0 | 82.5 | 82.6 | 83.7 | 84.3 | 84.3 | 84.7 | 85.0 | 85.3 | 86.2 |
| ≥ 500 | 9.5 | 69.1 | 73.8 | 76.7 | 79.2 | 80.5 | 82.6 | 84.7 | 84.8 | 86.4 | 87.0 | 87.0 | 87.7 | 87.9 | 88.2 | 89.1 |
| ≥ 400 | 9.5 | 69.4 | 74.1 | 77.3 | 80.2 | 81.8 | 84.3 | 87.0 | 87.1 | 88.9 | 89.5 | 89.7 | 90.7 | 90.9 | 91.2 | 92.1 |
| ≥ 300 | 9.5 | 69.5 | 74.2 | 77.7 | 80.6 | 82.2 | 84.6 | 87.9 | 88.2 | 90.3 | 91.2 | 91.7 | 92.8 | 93.3 | 93.6 | 94.5 |
| ≥ 200 | 9.5 | 69.5 | 74.2 | 77.7 | 80.6 | 82.2 | 84.8 | 88.1 | 88.7 | 91.1 | 92.1 | 92.6 | 93.9 | 94.8 | 95.2 | 96.2 |
| ≥ 100 | 9.5 | 69.5 | 74.2 | 77.7 | 80.6 | 82.2 | 84.8 | 88.1 | 88.7 | 91.2 | 92.3 | 92.7 | 94.3 | 95.5 | 96.3 | 98.4 |
| ≥ 0 | 9.5 | 69.5 | 74.2 | 77.7 | 80.6 | 82.2 | 84.8 | 88.1 | 88.7 | 91.2 | 92.3 | 92.7 | 94.3 | 95.5 | 96.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

891

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 7.3 | 42.1 | 42.7 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.1 |
| IV 20000 | 8.7 | 46.3 | 47.5 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.3 |
| IV 18000 | 8.7 | 46.8 | 47.9 | 48.5 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.7 |
| IV 16000 | 8.7 | 46.9 | 48.0 | 48.6 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.8 |
| IV 14000 | 8.0 | 47.4 | 48.5 | 49.0 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.3 |
| IV 12000 | 8.2 | 48.7 | 49.8 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.7 |
| IV 10000 | 8.4 | 52.1 | 53.4 | 54.2 | 54.4 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.9 |
| IV 9000 | 8.5 | 52.8 | 54.2 | 55.0 | 55.2 | 55.5 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.7 |
| IV 8000 | 8.7 | 55.7 | 57.6 | 58.6 | 58.9 | 59.2 | 59.3 | 59.4 | 59.4 | 59.5 | 59.6 | 59.6 | 59.6 | 59.7 | 59.7 | 59.8 |
| IV 7000 | 8.8 | 57.6 | 59.7 | 60.7 | 61.1 | 61.3 | 61.4 | 61.5 | 61.5 | 61.6 | 61.8 | 61.8 | 61.9 | 61.9 | 62.0 | 62.0 |
| IV 6000 | 8.9 | 58.2 | 60.5 | 61.5 | 61.9 | 62.1 | 62.2 | 62.4 | 62.4 | 62.5 | 62.7 | 62.7 | 62.8 | 62.8 | 62.9 | 62.9 |
| IV 5000 | 8.9 | 60.3 | 62.7 | 64.2 | 64.6 | 64.8 | 64.9 | 65.1 | 65.1 | 65.2 | 65.4 | 65.4 | 65.5 | 65.5 | 65.6 | 65.6 |
| IV 4500 | 8.9 | 61.5 | 63.9 | 65.5 | 65.8 | 66.0 | 66.1 | 66.4 | 66.4 | 66.5 | 66.6 | 66.6 | 66.7 | 66.7 | 66.8 | 66.8 |
| IV 4000 | 9.1 | 64.5 | 66.9 | 69.1 | 69.4 | 69.6 | 69.7 | 70.0 | 70.0 | 70.1 | 70.2 | 70.2 | 70.3 | 70.3 | 70.4 | 70.4 |
| IV 3500 | 9.1 | 65.4 | 67.8 | 70.0 | 70.3 | 70.5 | 70.6 | 70.9 | 70.9 | 71.0 | 71.1 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 |
| IV 3000 | 9.2 | 67.6 | 70.5 | 73.1 | 73.8 | 74.0 | 74.1 | 74.4 | 74.4 | 74.5 | 74.6 | 74.6 | 74.7 | 74.7 | 74.8 | 74.8 |
| IV 2500 | 9.2 | 69.0 | 72.1 | 74.7 | 75.5 | 75.7 | 76.0 | 76.4 | 76.4 | 76.6 | 76.8 | 76.8 | 76.9 | 76.9 | 77.1 | 77.1 |
| IV 2000 | 9.6 | 70.8 | 74.0 | 76.6 | 77.7 | 78.0 | 78.4 | 79.1 | 79.1 | 79.3 | 79.5 | 79.5 | 79.8 | 79.8 | 79.9 | 79.9 |
| IV 1800 | 9.6 | 70.9 | 74.1 | 76.7 | 77.8 | 78.1 | 78.5 | 79.2 | 79.2 | 79.4 | 79.6 | 79.6 | 79.9 | 79.9 | 80.0 | 80.0 |
| IV 1500 | 9.6 | 72.0 | 75.6 | 78.3 | 79.5 | 79.8 | 80.2 | 81.0 | 81.0 | 81.3 | 81.6 | 81.6 | 81.8 | 81.8 | 81.9 | 81.9 |
| IV 1200 | 9.6 | 73.1 | 76.7 | 79.4 | 80.8 | 81.0 | 81.4 | 82.2 | 82.2 | 82.6 | 82.8 | 82.8 | 83.0 | 83.0 | 83.1 | 83.1 |
| IV 1000 | 9.6 | 73.7 | 77.8 | 80.7 | 82.2 | 82.6 | 83.0 | 83.9 | 83.9 | 84.3 | 84.5 | 84.5 | 84.7 | 84.7 | 84.8 | 84.8 |
| IV 900 | 9.6 | 73.7 | 77.8 | 80.7 | 82.3 | 82.7 | 83.1 | 84.0 | 84.0 | 84.4 | 84.6 | 84.6 | 84.8 | 84.8 | 84.9 | 84.9 |
| IV 800 | 9.6 | 74.4 | 78.5 | 81.3 | 83.0 | 83.5 | 83.9 | 84.9 | 84.9 | 85.3 | 85.5 | 85.5 | 85.7 | 85.7 | 85.8 | 85.8 |
| IV 700 | 9.6 | 74.9 | 79.1 | 82.1 | 83.9 | 84.4 | 84.8 | 85.9 | 85.9 | 86.3 | 86.6 | 86.6 | 87.0 | 87.0 | 87.1 | 87.1 |
| IV 600 | 9.6 | 75.5 | 79.8 | 83.2 | 85.3 | 85.7 | 86.3 | 87.5 | 87.5 | 88.0 | 88.3 | 88.3 | 88.6 | 88.6 | 88.8 | 88.8 |
| IV 500 | 9.6 | 76.5 | 80.9 | 84.5 | 86.8 | 87.3 | 88.2 | 90.4 | 90.4 | 91.1 | 91.5 | 91.5 | 92.1 | 92.1 | 92.5 | 92.5 |
| IV 400 | 9.6 | 76.7 | 81.1 | 84.8 | 87.2 | 87.6 | 88.6 | 91.5 | 91.7 | 92.6 | 92.9 | 92.9 | 93.6 | 93.7 | 93.9 | 93.9 |
| IV 300 | 9.6 | 76.7 | 81.1 | 84.8 | 87.2 | 88.0 | 89.0 | 91.9 | 92.4 | 93.7 | 94.6 | 94.6 | 95.5 | 95.8 | 96.1 | 96.1 |
| IV 200 | 9.6 | 76.7 | 81.1 | 84.8 | 87.2 | 88.1 | 89.1 | 92.1 | 92.9 | 94.8 | 96.2 | 96.5 | 97.4 | 98.2 | 98.5 | 98.5 |
| IV 100 | 9.6 | 76.7 | 81.1 | 84.8 | 87.2 | 88.1 | 89.1 | 92.2 | 93.0 | 94.9 | 96.5 | 96.9 | 97.8 | 98.8 | 99.2 | 99.7 |
| IV 0 | 9.6 | 76.7 | 81.1 | 84.8 | 87.2 | 88.1 | 89.1 | 92.2 | 93.0 | 94.9 | 96.5 | 96.9 | 97.8 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 889

USAF ETAC FORM 0-14-2 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 7.4 | 41.7 | 42.1 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 20000 | 7.6 | 46.0 | 46.4 | 46.5 | 46.6 | 46.7 | 46.7 | 46.7 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| ≥ 18000 | 7.6 | 46.5 | 46.8 | 46.9 | 47.1 | 47.2 | 47.2 | 47.2 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| ≥ 16000 | 7.6 | 46.6 | 46.9 | 47.1 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| ≥ 14000 | 7.6 | 46.7 | 47.3 | 47.4 | 47.5 | 47.6 | 47.6 | 47.6 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 12000 | 7.8 | 48.0 | 48.5 | 48.6 | 48.8 | 48.9 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 10000 | 7.9 | 50.2 | 50.9 | 51.0 | 51.2 | 51.4 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 9000 | 7.9 | 51.1 | 51.9 | 52.0 | 52.3 | 52.4 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 8000 | 7.9 | 55.6 | 56.6 | 56.7 | 57.0 | 57.1 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 7000 | 8.2 | 57.3 | 58.3 | 58.4 | 58.7 | 58.8 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 6000 | 8.2 | 57.5 | 58.5 | 58.6 | 59.0 | 59.1 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 5000 | 8.3 | 58.6 | 59.6 | 59.8 | 60.1 | 60.2 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 4500 | 8.5 | 61.1 | 62.1 | 62.2 | 62.8 | 63.0 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 4000 | 8.7 | 64.5 | 65.6 | 65.8 | 66.3 | 66.6 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 3500 | 8.8 | 65.8 | 67.0 | 67.1 | 67.7 | 67.9 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 3000 | 9.1 | 69.3 | 70.5 | 70.7 | 71.5 | 72.1 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 2500 | 9.1 | 71.4 | 73.0 | 73.6 | 74.5 | 75.1 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 2000 | 9.1 | 72.7 | 74.7 | 75.5 | 76.6 | 77.2 | 77.6 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 1800 | 9.1 | 73.4 | 75.4 | 76.2 | 77.3 | 77.9 | 78.2 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 1500 | 9.4 | 75.9 | 78.2 | 79.0 | 80.2 | 80.8 | 81.2 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 1200 | 9.5 | 76.3 | 79.1 | 79.9 | 81.3 | 82.1 | 82.7 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 1000 | 9.5 | 77.1 | 80.5 | 81.4 | 82.8 | 83.6 | 84.1 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 900 | 9.5 | 77.3 | 80.7 | 81.6 | 83.0 | 83.8 | 84.4 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 800 | 9.5 | 77.4 | 81.1 | 82.2 | 83.7 | 84.5 | 85.1 | 85.4 | 85.4 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 700 | 9.5 | 77.7 | 81.4 | 82.7 | 84.2 | 85.0 | 85.9 | 86.4 | 86.4 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 600 | 9.5 | 77.7 | 81.4 | 82.7 | 84.7 | 85.5 | 86.4 | 87.1 | 87.1 | 87.6 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 500 | 9.5 | 78.0 | 81.7 | 83.4 | 85.9 | 87.1 | 88.0 | 89.3 | 89.3 | 90.2 | 91.2 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 400 | 9.5 | 78.6 | 82.5 | 84.4 | 87.0 | 88.3 | 89.5 | 91.8 | 91.8 | 93.2 | 94.6 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 300 | 9.5 | 78.6 | 82.5 | 84.4 | 87.0 | 88.4 | 90.0 | 92.9 | 93.0 | 94.9 | 97.2 | 97.4 | 97.8 | 98.0 | 98.0 | 98.0 |
| ≥ 200 | 9.5 | 78.6 | 82.5 | 84.4 | 87.0 | 88.5 | 90.1 | 93.0 | 93.1 | 95.2 | 97.7 | 98.0 | 98.6 | 99.0 | 99.1 | 99.1 |
| ≥ 100 | 9.5 | 78.6 | 82.5 | 84.4 | 87.0 | 88.5 | 90.1 | 93.0 | 93.1 | 95.2 | 97.8 | 98.1 | 99.1 | 99.7 | 99.8 | 99.9 |
| ≥ 0 | 9.5 | 78.6 | 82.5 | 84.4 | 87.0 | 88.5 | 90.1 | 93.0 | 93.1 | 95.2 | 97.8 | 98.1 | 99.1 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743921
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 3/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 7.9 | 41.3 | 42.2 | 42.5 | 42.7 | 42.7 | 42.8 | 42.9 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 |
| ≥ 20000 | 8.0 | 45.2 | 46.4 | 46.6 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.3 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| IV 18000 | 8.0 | 46.2 | 47.4 | 47.6 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| IV 16000 | 8.0 | 46.4 | 47.6 | 47.9 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.5 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| IV 14000 | 8.0 | 47.2 | 48.4 | 48.7 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| IV 12000 | 8.0 | 48.5 | 49.8 | 50.0 | 50.2 | 50.3 | 50.4 | 50.6 | 50.7 | 50.7 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IV 10000 | 8.1 | 51.8 | 53.0 | 53.3 | 53.7 | 53.8 | 53.9 | 54.0 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| IV 9000 | 8.1 | 52.0 | 53.3 | 53.5 | 53.9 | 54.0 | 54.2 | 54.3 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| IV 8000 | 8.1 | 55.5 | 56.7 | 57.0 | 57.4 | 57.5 | 57.6 | 57.8 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| IV 7000 | 8.2 | 57.4 | 58.8 | 59.0 | 59.4 | 59.6 | 59.7 | 59.8 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 6000 | 8.2 | 58.0 | 59.3 | 59.6 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.4 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| IV 5000 | 8.2 | 59.8 | 61.2 | 61.5 | 61.9 | 62.1 | 62.2 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| IV 4500 | 8.3 | 61.7 | 63.1 | 63.5 | 63.9 | 64.4 | 64.5 | 64.6 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| IV 4000 | 8.3 | 64.4 | 66.3 | 66.6 | 67.2 | 67.6 | 67.8 | 67.9 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| IV 3500 | 8.4 | 66.1 | 68.0 | 68.3 | 68.9 | 69.3 | 69.4 | 69.6 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| IV 3000 | 8.6 | 69.0 | 70.9 | 71.3 | 72.1 | 72.7 | 72.8 | 72.9 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| IV 2500 | 9.1 | 70.8 | 72.8 | 73.5 | 74.3 | 74.8 | 75.1 | 75.2 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| IV 2000 | 9.1 | 72.9 | 74.9 | 75.6 | 76.4 | 77.1 | 77.3 | 77.6 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| IV 1800 | 9.1 | 73.0 | 75.1 | 75.7 | 76.5 | 77.2 | 77.4 | 77.8 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| IV 1500 | 9.1 | 75.1 | 77.3 | 78.2 | 79.2 | 80.0 | 80.2 | 80.7 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| IV 1200 | 9.1 | 75.4 | 78.0 | 79.2 | 80.4 | 81.2 | 81.5 | 81.9 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| IV 1000 | 9.1 | 77.1 | 79.7 | 81.5 | 82.8 | 83.6 | 84.0 | 84.6 | 84.7 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| IV 900 | 9.1 | 77.1 | 79.7 | 81.6 | 83.0 | 83.8 | 84.4 | 84.9 | 85.1 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| IV 800 | 9.1 | 77.5 | 80.3 | 82.4 | 83.8 | 84.6 | 85.2 | 85.7 | 85.8 | 86.0 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| IV 700 | 9.1 | 77.9 | 80.9 | 82.9 | 84.4 | 85.2 | 85.8 | 86.6 | 87.0 | 87.2 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| IV 600 | 9.1 | 78.3 | 81.7 | 83.8 | 85.4 | 86.2 | 87.2 | 88.5 | 88.9 | 89.4 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| IV 500 | 9.1 | 78.5 | 82.1 | 84.3 | 86.4 | 87.3 | 88.8 | 90.2 | 90.6 | 91.2 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| IV 400 | 9.1 | 78.5 | 82.2 | 84.4 | 86.9 | 87.9 | 89.4 | 91.1 | 91.6 | 92.6 | 93.4 | 93.5 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 300 | 9.1 | 78.8 | 82.5 | 84.6 | 87.2 | 88.2 | 90.0 | 92.8 | 93.5 | 94.8 | 96.0 | 96.1 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 200 | 9.1 | 78.8 | 82.5 | 84.6 | 87.2 | 88.2 | 90.0 | 93.0 | 93.7 | 95.4 | 97.0 | 97.1 | 98.1 | 98.2 | 98.2 | 98.2 |
| IV 100 | 9.1 | 78.8 | 82.5 | 84.6 | 87.2 | 88.2 | 90.0 | 93.0 | 93.7 | 95.5 | 97.3 | 97.4 | 98.5 | 98.8 | 98.9 | 99.1 |
| IV 0 | 9.1 | 78.9 | 82.6 | 84.7 | 87.3 | 88.3 | 90.1 | 93.1 | 93.8 | 95.6 | 97.4 | 97.5 | 98.7 | 98.9 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743920

BRUNSWICK NAS ME

69-70,73-80

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 8.8 | 44.0 | 45.4 | 45.4 | 45.6 | 45.6 | 45.8 | 45.8 | 46.1 | 46.1 | 46.1 | 46.1 | 46.3 | 46.3 | 46.3 | 46.4 |
| ≥ 20000 | 8.8 | 48.0 | 49.5 | 49.9 | 50.2 | 50.2 | 50.5 | 50.5 | 50.8 | 50.8 | 50.8 | 50.8 | 50.9 | 50.9 | 50.9 | 51.0 |
| IV 18000 | 8.8 | 48.2 | 49.8 | 50.1 | 50.5 | 50.5 | 50.7 | 50.7 | 51.0 | 51.0 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.2 |
| IV 15000 | 8.8 | 48.3 | 49.9 | 50.2 | 50.6 | 50.6 | 50.8 | 50.8 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.4 |
| IV 14000 | 9.0 | 48.6 | 50.5 | 50.8 | 51.1 | 51.1 | 51.4 | 51.4 | 51.7 | 51.7 | 51.7 | 51.7 | 51.8 | 51.8 | 51.8 | 51.9 |
| IV 12000 | 9.0 | 49.7 | 51.5 | 51.8 | 52.2 | 52.2 | 52.4 | 52.4 | 52.7 | 52.7 | 52.7 | 52.7 | 52.8 | 52.8 | 52.9 | 53.1 |
| IV 10000 | 9.6 | 52.8 | 54.6 | 55.1 | 55.4 | 55.4 | 55.7 | 55.7 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.2 | 56.3 |
| IV 9000 | 9.6 | 53.2 | 55.0 | 55.4 | 55.8 | 55.8 | 56.0 | 56.0 | 56.3 | 56.3 | 56.3 | 56.3 | 56.5 | 56.5 | 56.6 | 56.7 |
| IV 8000 | 9.9 | 57.7 | 59.5 | 60.0 | 60.3 | 60.3 | 60.5 | 60.5 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.1 | 61.2 |
| IV 7000 | 9.9 | 58.8 | 60.7 | 61.1 | 61.6 | 61.6 | 61.8 | 61.8 | 62.1 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.4 | 62.5 |
| IV 6000 | 9.9 | 59.4 | 61.2 | 61.8 | 62.2 | 62.2 | 62.5 | 62.5 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 63.0 | 63.2 |
| IV 5000 | 9.9 | 61.0 | 62.8 | 63.4 | 63.9 | 63.9 | 64.2 | 64.2 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 | 64.7 | 64.9 |
| IV 4500 | 10.1 | 62.5 | 64.3 | 64.9 | 65.4 | 65.4 | 65.6 | 65.6 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.2 | 66.3 |
| IV 4000 | 10.2 | 65.0 | 67.1 | 67.9 | 68.8 | 68.8 | 69.0 | 69.0 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.6 | 69.7 |
| IV 3500 | 10.3 | 66.1 | 68.4 | 69.3 | 70.2 | 70.2 | 70.4 | 70.4 | 70.7 | 70.7 | 70.7 | 70.7 | 70.9 | 70.9 | 71.0 | 71.1 |
| IV 3000 | 10.8 | 68.5 | 71.0 | 72.0 | 72.9 | 72.9 | 73.1 | 73.1 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 | 73.6 | 73.7 | 73.8 |
| IV 2500 | 10.9 | 70.2 | 73.6 | 74.6 | 75.5 | 75.7 | 76.0 | 76.0 | 76.3 | 76.3 | 76.4 | 76.4 | 76.5 | 76.5 | 76.6 | 76.8 |
| IV 2000 | 11.0 | 71.9 | 75.5 | 76.6 | 77.8 | 78.1 | 78.3 | 78.3 | 78.7 | 78.7 | 78.8 | 78.8 | 78.9 | 78.9 | 79.0 | 79.1 |
| IV 1800 | 11.1 | 72.1 | 75.7 | 76.9 | 78.0 | 78.3 | 78.6 | 78.6 | 78.9 | 78.9 | 79.0 | 79.0 | 79.1 | 79.1 | 79.3 | 79.4 |
| IV 1500 | 11.2 | 73.4 | 77.2 | 78.9 | 80.0 | 80.4 | 80.6 | 80.7 | 81.1 | 81.1 | 81.2 | 81.2 | 81.3 | 81.3 | 81.4 | 81.5 |
| IV 1200 | 11.2 | 73.9 | 78.0 | 80.2 | 81.3 | 81.6 | 81.9 | 82.0 | 82.3 | 82.3 | 82.4 | 82.4 | 82.5 | 82.5 | 82.7 | 82.8 |
| IV 1000 | 11.2 | 74.7 | 79.3 | 81.6 | 83.1 | 83.4 | 83.9 | 84.0 | 84.4 | 84.4 | 84.5 | 84.5 | 84.6 | 84.6 | 84.7 | 84.8 |
| IV 900 | 11.2 | 75.4 | 80.0 | 82.4 | 83.9 | 84.2 | 84.7 | 84.9 | 85.3 | 85.3 | 85.4 | 85.4 | 85.5 | 85.5 | 85.6 | 85.7 |
| IV 800 | 11.2 | 75.4 | 80.0 | 82.4 | 84.1 | 84.5 | 85.0 | 85.3 | 85.6 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.9 | 86.1 |
| IV 700 | 11.2 | 75.6 | 80.3 | 82.8 | 84.8 | 85.3 | 86.3 | 86.7 | 87.2 | 87.2 | 87.3 | 87.3 | 87.5 | 87.5 | 87.6 | 87.8 |
| IV 600 | 11.2 | 76.4 | 81.1 | 83.7 | 86.1 | 86.6 | 88.0 | 88.8 | 89.3 | 89.6 | 89.7 | 89.7 | 89.9 | 89.9 | 90.0 | 90.1 |
| IV 500 | 11.2 | 76.4 | 81.1 | 84.0 | 87.0 | 87.5 | 89.0 | 89.9 | 90.6 | 90.9 | 91.2 | 91.2 | 91.4 | 91.4 | 91.6 | 91.7 |
| IV 400 | 11.2 | 76.4 | 81.1 | 84.5 | 87.5 | 88.2 | 90.1 | 91.4 | 92.2 | 92.7 | 93.0 | 93.0 | 93.4 | 93.4 | 93.7 | 93.8 |
| IV 300 | 11.2 | 76.6 | 81.3 | 84.9 | 88.4 | 89.2 | 91.6 | 93.4 | 94.3 | 95.1 | 95.5 | 95.5 | 95.9 | 95.9 | 96.1 | 96.3 |
| IV 200 | 11.2 | 76.9 | 81.5 | 85.1 | 88.7 | 89.5 | 91.8 | 93.7 | 94.6 | 95.4 | 96.0 | 96.0 | 96.9 | 96.9 | 97.3 | 97.5 |
| IV 100 | 11.2 | 76.9 | 81.5 | 85.1 | 88.7 | 89.5 | 91.8 | 93.7 | 94.6 | 95.4 | 96.0 | 96.0 | 97.3 | 97.5 | 97.8 | 99.2 |
| IV 0 | 11.2 | 76.9 | 81.5 | 85.1 | 88.7 | 89.5 | 91.8 | 93.7 | 94.6 | 95.4 | 96.0 | 96.0 | 97.3 | 97.6 | 98.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 882

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 8.6 | 45.1 | 46.1 | 46.3 | 47.2 | 47.2 | 47.4 | 47.5 | 47.5 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.7 |
| ≥ 20000 | 8.8 | 48.6 | 49.8 | 50.0 | 51.1 | 51.1 | 51.4 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 |
| ≥ 18000 | 8.8 | 48.6 | 49.8 | 50.0 | 51.1 | 51.1 | 51.4 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 |
| ≥ 16000 | 8.8 | 48.6 | 49.8 | 50.0 | 51.1 | 51.1 | 51.4 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 |
| ≥ 14000 | 9.1 | 49.0 | 50.1 | 50.3 | 51.5 | 51.5 | 51.7 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 |
| ≥ 12000 | 9.2 | 49.8 | 51.0 | 51.2 | 52.4 | 52.4 | 52.6 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.9 |
| ≥ 10000 | 9.2 | 52.8 | 54.1 | 54.4 | 55.6 | 55.7 | 55.9 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 |
| ≥ 9000 | 9.2 | 52.8 | 54.1 | 54.4 | 55.6 | 55.7 | 55.9 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 |
| ≥ 8000 | 9.4 | 55.7 | 56.9 | 57.7 | 58.8 | 59.1 | 59.3 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.0 |
| ≥ 7000 | 9.4 | 56.7 | 58.0 | 58.8 | 60.0 | 60.2 | 60.4 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 |
| ≥ 6000 | 9.6 | 57.4 | 58.8 | 59.6 | 60.9 | 61.1 | 61.3 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.0 |
| ≥ 5000 | 9.9 | 58.8 | 60.3 | 61.2 | 62.6 | 62.8 | 63.0 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 |
| ≥ 4500 | 10.2 | 60.7 | 62.1 | 63.0 | 64.4 | 64.6 | 64.9 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 |
| ≥ 4000 | 10.3 | 62.7 | 64.6 | 65.6 | 67.1 | 67.3 | 67.8 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 |
| ≥ 3500 | 10.3 | 64.1 | 66.3 | 67.5 | 69.0 | 69.3 | 69.7 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.5 |
| ≥ 3000 | 10.3 | 66.7 | 69.0 | 70.3 | 72.1 | 72.3 | 72.9 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.7 |
| ≥ 2500 | 10.3 | 68.4 | 71.0 | 72.7 | 74.5 | 74.7 | 75.3 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 |
| ≥ 2000 | 10.5 | 69.6 | 72.4 | 74.5 | 76.6 | 77.1 | 77.8 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 |
| ≥ 1800 | 10.5 | 69.6 | 72.7 | 74.8 | 77.0 | 77.4 | 78.1 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 |
| ≥ 1500 | 10.5 | 70.2 | 73.4 | 75.5 | 77.8 | 78.3 | 79.0 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.9 |
| ≥ 1200 | 10.5 | 70.4 | 73.7 | 76.1 | 78.3 | 78.9 | 79.7 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 |
| ≥ 1000 | 10.5 | 71.8 | 75.2 | 78.0 | 80.4 | 81.0 | 81.7 | 82.5 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 |
| ≥ 900 | 10.5 | 72.0 | 75.7 | 78.7 | 81.3 | 81.9 | 82.8 | 83.6 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 |
| ≥ 800 | 10.5 | 72.1 | 76.3 | 79.4 | 82.7 | 83.3 | 84.2 | 85.0 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 |
| ≥ 700 | 10.5 | 72.4 | 76.8 | 80.0 | 83.6 | 84.2 | 85.1 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 |
| ≥ 600 | 10.5 | 72.7 | 77.2 | 80.6 | 84.4 | 85.1 | 86.3 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 |
| ≥ 500 | 10.5 | 72.7 | 77.3 | 81.3 | 85.6 | 86.5 | 88.0 | 89.7 | 89.7 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.2 | 90.4 |
| ≥ 400 | 10.5 | 72.8 | 77.4 | 81.5 | 86.1 | 87.2 | 88.9 | 90.9 | 90.9 | 91.6 | 91.6 | 91.6 | 91.6 | 91.8 | 92.0 | 92.1 |
| ≥ 300 | 10.5 | 73.1 | 77.8 | 82.1 | 87.0 | 88.4 | 90.4 | 92.5 | 92.6 | 93.4 | 93.5 | 93.5 | 93.5 | 94.0 | 94.2 | 94.3 |
| ≥ 200 | 10.5 | 73.2 | 78.0 | 82.3 | 87.2 | 88.7 | 90.6 | 92.9 | 93.0 | 94.8 | 95.0 | 95.1 | 95.1 | 96.0 | 96.6 | 96.9 |
| ≥ 100 | 10.5 | 73.2 | 78.0 | 82.3 | 87.2 | 88.7 | 90.6 | 92.9 | 93.0 | 94.8 | 95.0 | 95.1 | 95.1 | 96.4 | 97.2 | 97.7 |
| ≥ 0 | 10.5 | 73.2 | 78.0 | 82.3 | 87.2 | 88.7 | 90.6 | 92.9 | 93.0 | 94.8 | 95.0 | 95.1 | 95.1 | 94.4 | 97.2 | 97.7 |

TOTAL NUMBER OF OBSERVATIONS 882

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743921

BRUNSWICK NAS ME

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

hours (LST.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 8.1 | 42.1 | 43.0 | 43.3 | 43.8 | 43.8 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.4 | 44.6 | 44.6 | 44.7 | 44.9 |
| ≥ 20000 | 8.5 | 46.0 | 47.1 | 47.5 | 48.1 | 48.1 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.8 | 49.0 | 49.0 | 49.1 | 49.3 |
| IN 18000 | 8.5 | 46.3 | 47.4 | 47.9 | 48.5 | 48.5 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.2 | 49.4 | 49.4 | 49.5 | 49.7 |
| IN 16000 | 8.5 | 46.4 | 47.5 | 48.0 | 48.6 | 48.6 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.3 | 49.5 | 49.5 | 49.6 | 49.8 |
| IN 14000 | 8.6 | 46.8 | 48.0 | 48.5 | 49.1 | 49.1 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.8 | 50.0 | 50.0 | 50.1 | 50.3 |
| IN 12000 | 8.7 | 47.8 | 49.0 | 49.6 | 50.1 | 50.2 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 50.9 | 51.0 | 51.1 | 51.2 | 51.4 |
| IN 10000 | 8.9 | 50.6 | 51.9 | 52.5 | 53.1 | 53.2 | 53.5 | 53.7 | 53.8 | 53.9 | 54.1 | 54.1 | 54.2 | 54.2 | 54.3 | 54.6 |
| IN 9000 | 8.9 | 51.0 | 52.3 | 53.0 | 53.6 | 53.7 | 54.0 | 54.1 | 54.2 | 54.4 | 54.5 | 54.5 | 54.7 | 54.7 | 54.8 | 55.1 |
| IN 8000 | 9.1 | 54.1 | 55.6 | 56.4 | 57.1 | 57.2 | 57.6 | 57.9 | 58.0 | 58.2 | 58.3 | 58.3 | 58.5 | 58.5 | 58.6 | 58.9 |
| IN 7000 | 9.2 | 55.5 | 57.0 | 57.8 | 58.5 | 58.7 | 59.1 | 59.4 | 59.5 | 59.6 | 59.8 | 59.8 | 60.0 | 60.0 | 60.1 | 60.4 |
| IN 6000 | 9.3 | 56.1 | 57.7 | 58.5 | 59.3 | 59.4 | 59.8 | 60.1 | 60.2 | 60.4 | 60.6 | 60.6 | 60.8 | 60.8 | 60.9 | 61.2 |
| IN 5000 | 9.4 | 57.8 | 59.5 | 60.5 | 61.3 | 61.5 | 61.9 | 62.2 | 62.3 | 62.5 | 62.7 | 62.7 | 62.9 | 62.9 | 63.1 | 63.3 |
| IN 4500 | 9.5 | 59.4 | 61.1 | 62.2 | 63.0 | 63.2 | 63.6 | 63.9 | 64.1 | 64.3 | 64.5 | 64.5 | 64.7 | 64.7 | 64.8 | 65.1 |
| IN 4000 | 9.7 | 62.2 | 64.1 | 65.4 | 66.4 | 66.6 | 67.0 | 67.4 | 67.5 | 67.7 | 67.9 | 67.9 | 68.1 | 68.2 | 68.3 | 68.6 |
| IN 3500 | 9.8 | 63.4 | 65.4 | 66.7 | 67.8 | 68.0 | 68.4 | 68.8 | 68.9 | 69.1 | 69.3 | 69.3 | 69.5 | 69.6 | 69.7 | 69.9 |
| IN 3000 | 9.9 | 65.8 | 68.2 | 69.6 | 70.9 | 71.2 | 71.6 | 72.0 | 72.1 | 72.4 | 72.6 | 72.6 | 72.8 | 72.8 | 72.9 | 73.2 |
| IN 2500 | 10.0 | 67.5 | 70.1 | 71.9 | 73.2 | 73.5 | 74.1 | 74.5 | 74.6 | 74.8 | 75.1 | 75.1 | 75.3 | 75.3 | 75.4 | 75.7 |
| IN 2000 | 10.2 | 69.3 | 72.1 | 74.1 | 75.6 | 76.0 | 76.6 | 77.2 | 77.3 | 77.6 | 77.8 | 77.8 | 78.0 | 78.1 | 78.2 | 78.5 |
| IN 1800 | 10.2 | 69.9 | 72.4 | 74.4 | 75.9 | 76.3 | 77.0 | 77.5 | 77.7 | 77.9 | 78.2 | 78.2 | 78.4 | 78.4 | 78.6 | 78.8 |
| IN 1500 | 10.3 | 70.6 | 73.8 | 75.9 | 77.6 | 78.1 | 78.8 | 79.5 | 79.6 | 79.9 | 80.2 | 80.2 | 80.4 | 80.5 | 80.6 | 80.8 |
| IN 1200 | 10.3 | 71.2 | 74.5 | 76.8 | 78.6 | 79.2 | 80.0 | 80.7 | 80.8 | 81.2 | 81.4 | 81.5 | 81.7 | 81.7 | 81.9 | 82.1 |
| IN 1000 | 10.3 | 72.0 | 75.6 | 78.1 | 80.0 | 80.6 | 81.6 | 82.4 | 82.5 | 82.9 | 83.1 | 83.2 | 83.4 | 83.5 | 83.6 | 83.8 |
| IN 900 | 10.3 | 72.3 | 75.9 | 78.5 | 80.5 | 81.2 | 82.1 | 82.9 | 83.1 | 83.5 | 83.7 | 83.8 | 84.0 | 84.1 | 84.2 | 84.4 |
| IN 800 | 10.3 | 72.6 | 76.3 | 79.0 | 81.2 | 81.7 | 82.9 | 83.8 | 83.9 | 84.4 | 84.7 | 84.7 | 85.0 | 85.0 | 85.1 | 85.4 |
| IN 700 | 10.3 | 72.8 | 76.7 | 79.6 | 81.9 | 82.6 | 83.8 | 84.8 | 85.0 | 85.4 | 85.8 | 85.9 | 86.1 | 86.2 | 86.3 | 86.6 |
| IN 600 | 10.3 | 73.2 | 77.2 | 80.3 | 82.9 | 83.6 | 84.9 | 86.2 | 86.4 | 87.0 | 87.3 | 87.4 | 87.7 | 87.7 | 87.9 | 88.1 |
| IN 500 | 10.3 | 73.9 | 77.6 | 80.9 | 84.0 | 84.9 | 86.4 | 88.1 | 88.3 | 89.1 | 89.6 | 89.7 | 90.2 | 90.2 | 90.5 | 90.7 |
| IN 400 | 10.3 | 73.7 | 77.8 | 81.3 | 84.7 | 85.7 | 87.6 | 89.8 | 90.1 | 91.3 | 91.9 | 92.1 | 92.7 | 92.8 | 93.0 | 93.2 |
| IN 300 | 10.3 | 73.8 | 77.9 | 81.6 | 85.1 | 86.3 | 88.4 | 91.1 | 91.5 | 93.0 | 93.9 | 94.1 | 94.9 | 95.1 | 95.3 | 95.6 |
| IN 200 | 10.3 | 73.8 | 78.0 | 81.6 | 85.2 | 86.4 | 88.6 | 91.3 | 91.8 | 93.7 | 94.9 | 95.2 | 96.2 | 96.6 | 97.0 | 97.3 |
| IN 100 | 10.3 | 73.8 | 78.0 | 81.6 | 85.2 | 86.4 | 88.6 | 91.4 | 91.9 | 93.7 | 95.0 | 95.4 | 96.6 | 97.3 | 97.8 | 98.7 |
| IN 0 | 10.3 | 73.8 | 78.0 | 81.6 | 85.2 | 86.4 | 88.6 | 91.4 | 91.9 | 93.8 | 95.0 | 95.4 | 96.6 | 97.3 | 97.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7097

USAF ETAC

FORM

JUL 68

0-16-8 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743921

BRUNSWICK NAS ME

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 9.0 | 46.1 | 47.0 | 47.3 | 47.5 | 47.6 | 47.7 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| ≥ 20000 | 9.0 | 47.4 | 48.3 | 48.6 | 48.8 | 49.0 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| ≥ 18000 | 9.0 | 47.7 | 48.6 | 49.1 | 49.3 | 49.4 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 16000 | 9.0 | 47.7 | 48.6 | 49.1 | 49.3 | 49.4 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 14000 | 9.0 | 48.1 | 49.0 | 49.4 | 49.6 | 49.7 | 49.8 | 50.1 | 50.1 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 12000 | 9.2 | 49.3 | 50.5 | 50.9 | 51.2 | 51.3 | 51.4 | 51.6 | 51.6 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 10000 | 10.1 | 52.3 | 53.5 | 54.0 | 54.2 | 54.3 | 54.4 | 54.7 | 54.7 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 9000 | 10.1 | 52.6 | 53.8 | 54.3 | 54.6 | 54.7 | 54.8 | 55.0 | 55.0 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 8000 | 10.5 | 56.0 | 57.3 | 58.3 | 58.6 | 58.7 | 59.2 | 59.4 | 59.4 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 7000 | 10.5 | 56.4 | 57.7 | 58.8 | 59.2 | 59.3 | 59.7 | 59.9 | 59.9 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 6000 | 10.5 | 57.0 | 58.4 | 59.5 | 59.8 | 59.9 | 60.4 | 60.6 | 60.6 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 5000 | 11.1 | 59.7 | 61.3 | 62.5 | 62.8 | 62.9 | 63.3 | 63.6 | 63.6 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 4500 | 11.1 | 60.8 | 62.3 | 63.9 | 64.2 | 64.5 | 65.0 | 65.2 | 65.2 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 4000 | 11.1 | 63.4 | 65.2 | 66.8 | 67.2 | 67.5 | 67.9 | 68.2 | 68.2 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 3500 | 11.1 | 65.6 | 67.5 | 69.2 | 69.5 | 69.8 | 70.5 | 70.7 | 70.7 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 3000 | 11.4 | 68.6 | 70.7 | 72.3 | 72.8 | 73.1 | 73.8 | 74.0 | 74.0 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 2500 | 11.5 | 71.7 | 73.8 | 75.5 | 76.0 | 76.5 | 77.2 | 77.4 | 77.4 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 2000 | 11.5 | 73.0 | 75.2 | 77.1 | 77.6 | 78.2 | 79.0 | 79.3 | 79.3 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 1800 | 11.5 | 73.4 | 75.6 | 77.5 | 78.0 | 78.6 | 79.5 | 79.7 | 79.7 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 1500 | 11.5 | 74.3 | 76.6 | 78.6 | 79.4 | 79.9 | 80.9 | 81.4 | 81.4 | 81.8 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 1200 | 11.7 | 74.8 | 77.1 | 79.1 | 80.0 | 80.6 | 81.9 | 82.5 | 82.5 | 82.9 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 1000 | 11.9 | 75.2 | 77.9 | 80.5 | 81.6 | 82.1 | 83.8 | 84.9 | 84.9 | 85.3 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 900 | 11.9 | 75.3 | 78.0 | 81.0 | 82.2 | 82.8 | 84.4 | 85.6 | 85.6 | 86.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 800 | 11.9 | 75.5 | 78.3 | 81.2 | 82.5 | 83.1 | 84.9 | 86.2 | 86.2 | 86.7 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 700 | 11.9 | 75.7 | 78.5 | 81.6 | 82.9 | 83.4 | 85.2 | 86.6 | 86.6 | 87.2 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 600 | 11.9 | 75.9 | 78.6 | 81.9 | 83.3 | 83.9 | 85.8 | 87.4 | 87.5 | 88.0 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 500 | 11.9 | 75.9 | 78.6 | 82.0 | 83.4 | 84.2 | 86.7 | 88.6 | 88.6 | 89.7 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 400 | 11.9 | 75.9 | 78.6 | 82.0 | 83.9 | 84.4 | 87.4 | 89.5 | 89.7 | 90.6 | 92.0 | 92.0 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 300 | 11.9 | 76.0 | 78.8 | 82.2 | 84.3 | 85.1 | 88.3 | 90.7 | 91.1 | 92.8 | 94.7 | 94.8 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 200 | 11.9 | 76.0 | 78.9 | 82.4 | 84.6 | 85.4 | 88.8 | 91.5 | 92.0 | 93.7 | 95.8 | 95.9 | 97.4 | 97.6 | 98.1 | 98.1 |
| ≥ 100 | 11.9 | 76.0 | 78.9 | 82.4 | 84.6 | 85.4 | 89.0 | 91.8 | 92.2 | 94.3 | 96.4 | 96.5 | 98.0 | 98.5 | 99.1 | 99.5 |
| ≥ 0 | 11.9 | 76.0 | 78.9 | 82.4 | 84.6 | 85.4 | 89.0 | 91.8 | 92.2 | 94.3 | 96.4 | 96.5 | 98.1 | 98.6 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.G.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 9.1 | 47.4 | 48.0 | 48.2 | 48.9 | 48.9 | 49.1 | 49.3 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.7 | 49.7 | 49.7 |
| ≥ 20000 | 9.1 | 49.7 | 50.6 | 51.0 | 51.7 | 51.7 | 51.9 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.8 | 52.8 | 52.8 |
| ≥ 18000 | 9.1 | 49.8 | 50.7 | 51.2 | 51.9 | 51.9 | 52.1 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 53.0 | 53.0 | 53.0 |
| ≥ 16000 | 9.1 | 49.8 | 50.7 | 51.2 | 51.9 | 51.9 | 52.1 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 53.0 | 53.0 | 53.0 |
| ≥ 14000 | 9.1 | 50.2 | 51.0 | 51.6 | 52.2 | 52.2 | 52.4 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.3 | 53.3 | 53.3 |
| ≥ 12000 | 9.1 | 51.0 | 51.9 | 52.4 | 53.1 | 53.1 | 53.3 | 53.7 | 53.7 | 53.9 | 53.9 | 53.9 | 53.9 | 54.2 | 54.2 | 54.2 |
| ≥ 10000 | 9.7 | 53.2 | 54.1 | 54.6 | 55.3 | 55.3 | 55.5 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.4 | 56.4 | 56.4 |
| ≥ 9000 | 9.7 | 53.3 | 54.2 | 54.7 | 55.4 | 55.4 | 55.6 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.5 | 56.5 | 56.5 |
| ≥ 8000 | 10.1 | 57.1 | 58.1 | 58.7 | 59.6 | 59.6 | 59.8 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.7 | 60.7 | 60.7 |
| ≥ 7000 | 10.2 | 57.7 | 58.6 | 59.3 | 60.2 | 60.2 | 60.4 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 61.2 | 61.2 | 61.2 |
| ≥ 6000 | 10.2 | 58.2 | 59.2 | 59.8 | 60.7 | 60.7 | 60.9 | 61.3 | 61.3 | 61.5 | 61.5 | 61.5 | 61.5 | 61.8 | 61.8 | 61.8 |
| ≥ 5000 | 10.9 | 60.4 | 61.3 | 62.2 | 63.2 | 63.2 | 63.4 | 63.8 | 63.8 | 64.0 | 64.0 | 64.0 | 64.0 | 64.4 | 64.4 | 64.4 |
| ≥ 4500 | 11.1 | 60.9 | 62.0 | 62.9 | 64.0 | 64.1 | 64.3 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 | 65.3 | 65.3 |
| ≥ 4000 | 11.1 | 62.5 | 63.6 | 64.5 | 65.6 | 65.7 | 65.9 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.7 | 67.0 | 67.0 |
| ≥ 3500 | 11.1 | 64.5 | 65.8 | 66.7 | 67.8 | 67.9 | 68.1 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.8 | 69.2 | 69.2 |
| ≥ 3000 | 11.3 | 68.5 | 69.9 | 70.8 | 72.0 | 72.1 | 72.6 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.4 | 73.7 | 73.7 |
| ≥ 2500 | 11.3 | 70.9 | 72.4 | 73.3 | 74.6 | 74.7 | 75.4 | 76.0 | 76.0 | 76.1 | 76.2 | 76.2 | 76.2 | 76.4 | 76.8 | 76.8 |
| ≥ 2000 | 11.3 | 73.2 | 74.8 | 76.1 | 77.4 | 77.9 | 78.5 | 79.2 | 79.2 | 79.3 | 79.4 | 79.4 | 79.4 | 79.6 | 79.9 | 79.9 |
| ≥ 1800 | 11.5 | 73.8 | 75.5 | 76.8 | 78.1 | 78.5 | 79.2 | 79.8 | 79.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.2 | 80.6 | 80.6 |
| ≥ 1500 | 11.5 | 75.7 | 77.4 | 78.7 | 80.0 | 80.5 | 81.4 | 82.1 | 82.1 | 82.3 | 82.4 | 82.4 | 82.4 | 82.7 | 83.1 | 83.1 |
| ≥ 1200 | 11.5 | 75.9 | 77.6 | 78.9 | 80.5 | 81.0 | 82.0 | 82.8 | 82.8 | 83.1 | 83.2 | 83.2 | 83.2 | 83.5 | 83.8 | 83.8 |
| ≥ 1000 | 11.6 | 76.5 | 78.4 | 79.9 | 81.4 | 82.1 | 83.6 | 85.2 | 85.5 | 85.8 | 85.9 | 85.9 | 85.9 | 86.2 | 86.5 | 86.5 |
| ≥ 900 | 11.6 | 76.5 | 78.5 | 80.2 | 81.8 | 82.5 | 84.0 | 85.7 | 85.9 | 86.2 | 86.3 | 86.3 | 86.3 | 86.6 | 87.0 | 87.0 |
| ≥ 800 | 11.6 | 76.8 | 78.7 | 80.5 | 82.0 | 82.7 | 84.4 | 86.2 | 86.4 | 86.8 | 86.9 | 86.9 | 86.9 | 87.2 | 87.5 | 87.5 |
| ≥ 700 | 11.6 | 76.9 | 78.8 | 80.7 | 82.2 | 83.0 | 84.6 | 86.4 | 86.6 | 87.1 | 87.3 | 87.3 | 87.3 | 87.7 | 88.2 | 88.2 |
| ≥ 600 | 11.6 | 76.9 | 78.9 | 80.9 | 82.5 | 83.4 | 85.0 | 87.7 | 88.1 | 88.7 | 89.1 | 89.1 | 89.1 | 89.7 | 90.1 | 90.1 |
| ≥ 500 | 11.6 | 76.9 | 78.9 | 81.0 | 83.0 | 83.9 | 86.8 | 88.8 | 89.1 | 89.9 | 90.3 | 90.3 | 91.0 | 91.4 | 91.4 | 91.4 |
| ≥ 400 | 11.6 | 76.9 | 78.9 | 81.0 | 83.3 | 84.3 | 87.7 | 90.3 | 90.7 | 91.5 | 92.1 | 92.2 | 92.8 | 93.3 | 93.3 | 93.3 |
| ≥ 300 | 11.6 | 76.9 | 79.0 | 81.1 | 83.6 | 84.7 | 88.2 | 91.1 | 91.5 | 92.6 | 94.0 | 94.4 | 95.0 | 95.4 | 95.4 | 95.7 |
| ≥ 200 | 11.7 | 77.0 | 79.2 | 81.3 | 83.9 | 85.0 | 88.6 | 91.6 | 92.2 | 93.8 | 95.7 | 96.0 | 96.7 | 97.6 | 97.9 | 98.2 |
| ≥ 100 | 11.7 | 77.0 | 79.2 | 81.3 | 83.9 | 85.0 | 88.6 | 91.6 | 92.2 | 93.9 | 95.9 | 96.2 | 97.1 | 98.2 | 98.6 | 99.5 |
| ≥ 0 | 11.7 | 77.0 | 79.2 | 81.3 | 83.9 | 85.0 | 88.6 | 91.6 | 92.2 | 93.9 | 95.9 | 96.2 | 97.3 | 98.4 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 921

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-392R

BRUNSWICK NAS ME

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING | 8.7 | 44.9 | 45.7 | 46.2 | 46.8 | 47.1 | 47.3 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.7 | 47.7 | 47.9 |
| ≥ 20000 | 8.7 | 48.4 | 49.3 | 49.8 | 50.4 | 50.7 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.4 | 51.4 | 51.6 |
| ≥ 18000 | 8.7 | 48.5 | 49.5 | 49.9 | 50.5 | 50.8 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.5 | 51.5 | 51.7 |
| ≥ 16000 | 8.7 | 48.6 | 49.6 | 50.0 | 50.7 | 50.9 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.6 | 51.6 | 51.9 |
| ≥ 14000 | 8.7 | 48.8 | 49.8 | 50.2 | 50.9 | 51.1 | 51.4 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 52.0 | 52.0 | 52.2 |
| ≥ 12000 | 8.7 | 49.3 | 50.4 | 50.9 | 51.5 | 51.7 | 52.1 | 52.2 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.6 | 52.6 | 52.8 |
| ≥ 10000 | 8.7 | 51.1 | 52.2 | 52.6 | 53.3 | 53.5 | 53.9 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.5 | 54.5 | 54.7 |
| ≥ 9000 | 8.7 | 51.2 | 52.3 | 52.7 | 53.4 | 53.6 | 54.1 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.7 | 54.7 | 54.9 |
| ≥ 8000 | 8.7 | 56.2 | 57.4 | 57.9 | 58.5 | 58.7 | 59.3 | 59.4 | 59.4 | 59.5 | 59.6 | 59.6 | 59.6 | 59.9 | 59.9 | 60.2 |
| ≥ 7000 | 8.8 | 57.8 | 59.2 | 59.6 | 60.3 | 60.5 | 61.0 | 61.1 | 61.1 | 61.2 | 61.4 | 61.4 | 61.4 | 61.7 | 61.7 | 61.9 |
| ≥ 6000 | 9.1 | 58.3 | 59.7 | 60.2 | 60.8 | 61.0 | 61.6 | 61.7 | 61.7 | 61.8 | 61.9 | 61.9 | 61.9 | 62.2 | 62.2 | 62.4 |
| ≥ 5000 | 9.5 | 60.7 | 61.6 | 62.0 | 62.7 | 62.9 | 63.4 | 63.5 | 63.5 | 63.6 | 63.8 | 63.8 | 63.8 | 64.1 | 64.1 | 64.3 |
| ≥ 4500 | 9.7 | 60.8 | 62.4 | 62.9 | 63.6 | 63.9 | 64.5 | 64.6 | 64.6 | 64.7 | 64.8 | 64.8 | 64.8 | 65.2 | 65.2 | 65.4 |
| ≥ 4000 | 9.9 | 62.3 | 64.1 | 64.5 | 65.5 | 65.7 | 66.4 | 66.5 | 66.5 | 66.6 | 66.7 | 66.7 | 66.7 | 67.0 | 67.0 | 67.2 |
| ≥ 3500 | 9.9 | 64.1 | 65.9 | 66.4 | 67.4 | 67.6 | 68.2 | 68.3 | 68.3 | 68.4 | 68.6 | 68.6 | 68.6 | 68.9 | 68.9 | 69.1 |
| ≥ 3000 | 10.2 | 68.3 | 70.3 | 71.1 | 72.3 | 72.5 | 73.4 | 73.6 | 73.6 | 73.7 | 73.8 | 73.8 | 73.8 | 74.1 | 74.1 | 74.3 |
| ≥ 2500 | 10.2 | 70.4 | 72.7 | 73.6 | 75.0 | 75.3 | 76.2 | 76.6 | 76.6 | 76.7 | 77.0 | 77.0 | 77.0 | 77.3 | 77.3 | 77.5 |
| ≥ 2000 | 10.4 | 71.7 | 74.1 | 75.2 | 77.0 | 77.4 | 78.3 | 79.0 | 79.0 | 79.1 | 79.4 | 79.4 | 79.4 | 79.7 | 79.7 | 79.9 |
| ≥ 1800 | 10.5 | 72.5 | 74.9 | 76.0 | 77.7 | 78.2 | 79.0 | 79.8 | 79.8 | 79.9 | 80.1 | 80.1 | 80.1 | 80.5 | 80.5 | 80.7 |
| ≥ 1500 | 10.5 | 73.1 | 75.5 | 76.6 | 78.3 | 78.9 | 80.0 | 80.8 | 80.9 | 81.3 | 81.6 | 81.6 | 81.6 | 81.9 | 81.9 | 82.1 |
| ≥ 1200 | 10.5 | 73.4 | 75.8 | 76.9 | 78.7 | 79.1 | 80.5 | 81.3 | 81.4 | 82.0 | 82.3 | 82.3 | 82.3 | 82.6 | 82.6 | 82.9 |
| ≥ 1000 | 10.6 | 74.3 | 76.7 | 78.1 | 80.0 | 80.7 | 82.0 | 83.3 | 83.7 | 84.3 | 84.6 | 84.6 | 84.6 | 84.9 | 84.9 | 85.2 |
| ≥ 900 | 10.6 | 74.6 | 77.1 | 78.4 | 80.3 | 81.0 | 82.3 | 83.8 | 84.1 | 84.6 | 84.9 | 84.9 | 84.9 | 85.3 | 85.3 | 85.5 |
| ≥ 800 | 10.6 | 74.7 | 77.2 | 78.5 | 80.5 | 81.1 | 82.5 | 84.2 | 84.5 | 85.2 | 85.6 | 85.7 | 85.7 | 86.0 | 86.0 | 86.2 |
| ≥ 700 | 10.6 | 75.1 | 77.6 | 79.0 | 81.0 | 81.7 | 83.2 | 85.3 | 85.6 | 86.2 | 86.7 | 86.8 | 87.0 | 87.3 | 87.3 | 87.6 |
| ≥ 600 | 10.6 | 75.2 | 77.8 | 79.3 | 81.3 | 82.0 | 83.8 | 86.1 | 86.6 | 87.3 | 87.8 | 87.9 | 88.1 | 88.4 | 88.4 | 88.6 |
| ≥ 500 | 10.6 | 75.2 | 77.8 | 79.4 | 81.6 | 82.9 | 84.8 | 87.4 | 87.9 | 89.1 | 90.1 | 90.2 | 90.7 | 91.2 | 91.2 | 91.4 |
| ≥ 400 | 10.6 | 75.2 | 77.8 | 79.4 | 81.7 | 82.8 | 85.6 | 88.2 | 88.8 | 90.2 | 91.2 | 91.3 | 91.9 | 92.4 | 92.4 | 92.6 |
| ≥ 300 | 10.6 | 75.2 | 77.8 | 79.4 | 81.8 | 82.9 | 85.9 | 88.6 | 89.3 | 91.5 | 93.0 | 93.2 | 94.3 | 95.1 | 95.1 | 95.5 |
| ≥ 200 | 10.6 | 75.2 | 77.8 | 79.4 | 81.9 | 83.0 | 86.1 | 89.1 | 89.7 | 92.1 | 94.3 | 94.5 | 96.1 | 97.2 | 97.3 | 97.7 |
| ≥ 100 | 10.6 | 75.2 | 77.8 | 79.4 | 81.9 | 83.0 | 86.2 | 89.3 | 90.0 | 92.5 | 94.8 | 95.0 | 96.6 | 98.1 | 98.5 | 99.7 |
| ≥ 0 | 10.6 | 75.2 | 77.8 | 79.4 | 81.9 | 83.0 | 86.2 | 89.3 | 90.0 | 92.5 | 94.8 | 95.0 | 96.6 | 98.1 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70,73-80

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0930-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 7.4 | 43.5 | 44.2 | 44.5 | 44.7 | 44.8 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 45.1 |
| ≥ 20000 | 7.9 | 48.9 | 49.7 | 50.2 | 50.4 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.8 |
| IV 18000 | 7.9 | 49.6 | 50.5 | 50.9 | 51.1 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.6 |
| IV 16000 | 7.9 | 49.6 | 50.5 | 50.9 | 51.1 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.6 |
| IV 14000 | 7.9 | 49.6 | 50.5 | 50.9 | 51.1 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.6 |
| IV 12000 | 8.0 | 50.9 | 51.8 | 52.2 | 52.5 | 52.6 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 53.0 |
| IV 10000 | 8.0 | 52.9 | 54.1 | 54.5 | 54.7 | 54.9 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.5 |
| IV 9000 | 8.1 | 53.5 | 54.7 | 55.2 | 55.4 | 55.5 | 55.8 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.4 |
| IV 8000 | 8.6 | 58.9 | 60.1 | 60.5 | 60.7 | 60.9 | 61.3 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.9 |
| IV 7000 | 8.6 | 60.0 | 61.3 | 61.7 | 61.9 | 62.1 | 62.6 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 | 63.2 |
| IV 6000 | 8.6 | 60.7 | 62.1 | 62.5 | 62.7 | 62.8 | 63.4 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.8 | 64.0 |
| IV 5000 | 9.1 | 62.1 | 63.4 | 63.8 | 64.0 | 64.1 | 64.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.1 | 65.3 |
| IV 4500 | 9.4 | 62.8 | 64.1 | 64.6 | 64.8 | 64.9 | 65.4 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 66.1 |
| IV 4000 | 9.7 | 65.1 | 66.4 | 66.8 | 67.2 | 67.3 | 67.9 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.8 |
| IV 3500 | 9.8 | 66.5 | 67.9 | 68.4 | 68.7 | 69.0 | 69.8 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 | 70.7 |
| IV 3000 | 9.9 | 68.8 | 70.6 | 71.0 | 71.3 | 71.6 | 72.4 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.4 | 73.6 |
| IV 2500 | 9.9 | 70.8 | 72.6 | 73.2 | 73.6 | 73.9 | 74.7 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.9 |
| IV 2000 | 9.9 | 72.8 | 75.1 | 75.8 | 76.2 | 77.0 | 77.9 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.4 | 79.6 |
| IV 1800 | 9.9 | 73.3 | 75.6 | 76.2 | 76.7 | 77.4 | 78.4 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.9 | 80.2 |
| IV 1500 | 10.0 | 74.3 | 76.7 | 77.4 | 78.2 | 79.0 | 80.0 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 82.0 |
| IV 1200 | 10.0 | 74.5 | 77.1 | 77.9 | 78.6 | 79.4 | 80.6 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.6 | 82.8 |
| IV 1000 | 10.0 | 74.9 | 77.8 | 78.6 | 79.9 | 80.8 | 82.1 | 84.5 | 84.6 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.3 | 85.5 |
| IV 900 | 10.0 | 75.1 | 78.0 | 78.8 | 80.2 | 81.0 | 82.4 | 85.1 | 85.2 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.8 | 86.0 |
| IV 800 | 10.0 | 75.3 | 78.2 | 79.2 | 80.6 | 81.5 | 83.0 | 85.7 | 85.9 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.7 | 86.9 |
| IV 700 | 10.0 | 75.4 | 78.3 | 79.3 | 80.7 | 81.7 | 83.5 | 86.7 | 87.1 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 88.1 | 88.3 |
| IV 600 | 10.0 | 75.6 | 78.4 | 79.4 | 80.9 | 82.1 | 84.0 | 87.4 | 87.9 | 88.4 | 88.8 | 88.8 | 88.8 | 88.8 | 89.1 | 89.3 |
| IV 500 | 10.0 | 75.7 | 78.5 | 79.9 | 81.5 | 82.9 | 84.8 | 88.4 | 89.1 | 90.2 | 91.1 | 91.1 | 91.3 | 91.8 | 91.8 | 92.0 |
| IV 400 | 10.0 | 75.7 | 78.6 | 80.0 | 81.6 | 83.0 | 85.0 | 88.8 | 89.5 | 91.2 | 92.3 | 92.3 | 92.5 | 93.2 | 93.2 | 93.5 |
| IV 300 | 10.0 | 75.7 | 78.6 | 80.2 | 81.7 | 83.2 | 85.4 | 89.5 | 90.4 | 92.4 | 94.2 | 94.2 | 94.2 | 95.0 | 95.9 | 96.1 |
| IV 200 | 10.0 | 75.7 | 78.6 | 80.2 | 81.7 | 83.2 | 85.4 | 89.7 | 90.8 | 92.8 | 95.2 | 95.2 | 95.2 | 96.6 | 98.0 | 98.6 |
| IV 100 | 10.0 | 75.7 | 78.6 | 80.2 | 81.7 | 83.2 | 85.4 | 89.7 | 90.8 | 92.8 | 95.2 | 95.2 | 95.2 | 96.6 | 98.3 | 98.6 |
| IV 0 | 10.0 | 75.7 | 78.6 | 80.2 | 81.7 | 83.2 | 85.4 | 89.7 | 90.8 | 92.8 | 95.2 | 95.2 | 95.2 | 96.6 | 98.3 | 98.6 |

TOTAL NUMBER OF OBSERVATIONS 917

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 8.3 | 46.0 | 46.0 | 46.3 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| ≥ 20000 | 8.4 | 52.4 | 52.4 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| IV 18000 | 8.4 | 53.1 | 53.1 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| IV 16000 | 8.4 | 53.4 | 53.4 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| IV 14000 | 8.4 | 53.4 | 53.4 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| IV 12000 | 8.4 | 54.1 | 54.2 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| IV 10000 | 8.4 | 57.0 | 57.1 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| IV 9000 | 8.7 | 57.9 | 58.0 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| IV 8000 | 8.7 | 62.1 | 62.3 | 62.7 | 63.0 | 63.0 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| IV 7000 | 8.8 | 63.9 | 64.2 | 64.7 | 64.9 | 64.9 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| IV 6000 | 8.8 | 64.5 | 64.7 | 65.3 | 65.5 | 65.5 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| IV 5000 | 9.0 | 65.3 | 65.5 | 66.0 | 66.3 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| IV 4500 | 9.2 | 65.7 | 65.9 | 66.5 | 66.8 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| IV 4000 | 9.3 | 67.5 | 67.7 | 68.2 | 68.8 | 68.8 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| IV 3500 | 9.4 | 68.4 | 68.9 | 69.5 | 70.1 | 70.1 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| IV 3000 | 9.6 | 72.3 | 73.0 | 73.9 | 74.5 | 74.5 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 2500 | 9.8 | 73.6 | 74.5 | 75.4 | 76.2 | 76.3 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| IV 2000 | 9.8 | 76.1 | 77.0 | 77.8 | 78.7 | 78.9 | 79.6 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| IV 1800 | 9.8 | 76.4 | 77.3 | 78.2 | 79.1 | 79.3 | 79.9 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 1500 | 9.8 | 77.6 | 78.5 | 79.4 | 80.3 | 80.5 | 81.1 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| IV 1200 | 9.8 | 78.2 | 79.4 | 80.3 | 81.0 | 82.0 | 82.7 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.4 | 83.4 |
| IV 1000 | 9.8 | 79.2 | 80.7 | 81.7 | 83.4 | 83.7 | 84.5 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 |
| IV 900 | 9.8 | 79.3 | 80.8 | 81.9 | 83.6 | 83.9 | 84.7 | 86.1 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 |
| IV 800 | 9.8 | 79.3 | 81.0 | 82.1 | 83.8 | 84.5 | 85.6 | 87.2 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.7 | 87.7 | 87.7 |
| IV 700 | 9.8 | 79.4 | 81.1 | 82.4 | 84.0 | 84.7 | 86.1 | 88.0 | 88.4 | 88.8 | 88.9 | 88.9 | 89.1 | 89.2 | 89.2 | 89.2 |
| IV 600 | 9.8 | 79.5 | 81.3 | 82.5 | 84.1 | 84.8 | 86.2 | 88.2 | 89.1 | 89.5 | 89.7 | 89.7 | 90.0 | 90.1 | 90.1 | 90.1 |
| IV 500 | 9.8 | 79.5 | 81.3 | 82.5 | 84.2 | 84.9 | 86.7 | 89.2 | 90.1 | 90.6 | 91.1 | 91.1 | 91.3 | 91.4 | 91.4 | 91.4 |
| IV 400 | 9.8 | 79.5 | 81.3 | 82.5 | 84.2 | 84.9 | 86.7 | 89.5 | 90.6 | 91.4 | 92.6 | 92.6 | 92.9 | 93.1 | 93.4 | 93.4 |
| IV 300 | 9.8 | 79.5 | 81.3 | 82.5 | 84.2 | 84.9 | 86.9 | 89.7 | 90.8 | 92.2 | 93.9 | 93.9 | 94.3 | 94.7 | 95.0 | 95.0 |
| IV 200 | 9.8 | 79.5 | 81.3 | 82.5 | 84.2 | 84.9 | 87.0 | 89.9 | 91.1 | 92.9 | 95.6 | 95.6 | 96.3 | 96.8 | 97.2 | 97.6 |
| IV 100 | 9.8 | 79.5 | 81.3 | 82.5 | 84.2 | 84.9 | 87.0 | 89.9 | 91.1 | 92.9 | 95.6 | 95.7 | 96.6 | 97.2 | 97.9 | 99.1 |
| IV 0 | 9.8 | 79.5 | 81.3 | 82.5 | 84.2 | 84.9 | 87.0 | 89.9 | 91.1 | 92.9 | 95.6 | 95.7 | 96.6 | 97.2 | 97.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ |
| NO CEILING | 8.1 | 44.9 | 45.2 | 45.2 | 45.2 | 45.2 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.4 | 45.4 | 45.4 |
| ≥ 20000 | 8.4 | 50.0 | 50.3 | 50.3 | 50.5 | 50.5 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.8 | 50.8 | 50.8 |
| ≥ 18000 | 8.4 | 50.4 | 50.8 | 50.8 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 |
| ≥ 16000 | 8.4 | 50.4 | 50.8 | 50.8 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 |
| ≥ 14000 | 8.4 | 50.7 | 51.0 | 51.0 | 51.2 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 |
| ≥ 12000 | 8.4 | 52.2 | 52.7 | 52.8 | 53.0 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.3 | 53.3 | 53.3 |
| ≥ 10000 | 8.6 | 55.5 | 56.1 | 56.2 | 56.4 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 |
| ≥ 9000 | 8.6 | 55.9 | 56.4 | 56.5 | 56.8 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 | 57.0 | 57.2 |
| ≥ 8000 | 9.1 | 61.0 | 61.9 | 62.0 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.9 |
| ≥ 7000 | 9.2 | 62.5 | 63.4 | 63.7 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.5 |
| ≥ 6000 | 9.2 | 63.4 | 64.4 | 64.6 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.5 |
| ≥ 5000 | 9.2 | 65.2 | 66.3 | 66.5 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.5 |
| ≥ 4500 | 9.3 | 65.5 | 66.6 | 66.9 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.9 |
| ≥ 4000 | 9.4 | 67.7 | 69.0 | 69.4 | 70.0 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.5 |
| ≥ 3500 | 9.5 | 69.2 | 70.5 | 71.0 | 71.6 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 72.1 |
| ≥ 3000 | 9.7 | 72.2 | 74.1 | 74.7 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.8 |
| ≥ 2500 | 10.0 | 73.8 | 75.8 | 76.6 | 77.3 | 77.4 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 78.1 |
| ≥ 2000 | 10.0 | 75.8 | 78.0 | 79.1 | 80.0 | 80.5 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.5 |
| ≥ 1800 | 10.0 | 75.8 | 78.0 | 79.1 | 80.0 | 80.5 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.5 |
| ≥ 1500 | 10.0 | 76.7 | 78.9 | 80.2 | 81.6 | 82.0 | 82.5 | 83.0 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.6 |
| ≥ 1200 | 10.0 | 77.5 | 79.7 | 81.0 | 82.4 | 83.0 | 83.5 | 84.1 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.9 |
| ≥ 1000 | 10.0 | 77.5 | 79.7 | 81.0 | 82.6 | 83.2 | 83.8 | 84.8 | 85.1 | 85.8 | 85.8 | 85.8 | 85.8 | 86.0 | 86.0 | 86.2 |
| ≥ 900 | 10.0 | 77.8 | 79.9 | 81.2 | 82.9 | 83.4 | 84.1 | 85.0 | 85.4 | 86.0 | 86.0 | 86.0 | 86.0 | 86.2 | 86.2 | 86.4 |
| ≥ 800 | 10.0 | 77.9 | 80.0 | 81.3 | 83.2 | 83.7 | 84.4 | 85.6 | 86.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.5 |
| ≥ 700 | 10.0 | 78.1 | 80.4 | 82.0 | 83.8 | 84.4 | 85.2 | 86.8 | 87.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.8 | 88.8 | 89.0 |
| ≥ 600 | 10.0 | 78.2 | 80.7 | 82.4 | 84.4 | 84.9 | 85.8 | 87.6 | 88.6 | 89.8 | 89.9 | 90.0 | 90.0 | 90.2 | 90.2 | 90.5 |
| ≥ 500 | 10.0 | 78.2 | 80.7 | 82.4 | 84.9 | 85.6 | 86.7 | 88.5 | 89.6 | 91.1 | 91.3 | 91.5 | 91.5 | 91.8 | 91.8 | 92.0 |
| ≥ 400 | 10.0 | 78.4 | 80.9 | 82.6 | 85.1 | 85.8 | 87.1 | 89.5 | 90.6 | 92.1 | 92.7 | 93.2 | 93.5 | 93.5 | 93.7 | 93.8 |
| ≥ 300 | 10.0 | 78.4 | 80.9 | 82.8 | 85.2 | 85.9 | 87.4 | 90.0 | 91.2 | 93.2 | 94.4 | 94.8 | 95.3 | 95.3 | 95.6 | 95.7 |
| ≥ 200 | 10.0 | 78.4 | 80.9 | 82.8 | 85.2 | 85.9 | 87.4 | 90.0 | 91.2 | 93.6 | 95.1 | 95.8 | 96.9 | 97.1 | 97.6 | 97.9 |
| ≥ 100 | 10.0 | 78.4 | 80.9 | 82.8 | 85.2 | 85.9 | 87.4 | 90.0 | 91.2 | 93.6 | 95.1 | 95.8 | 97.0 | 97.4 | 98.2 | 99.2 |
| ≥ 0 | 10.0 | 78.4 | 80.9 | 82.8 | 85.2 | 85.9 | 87.4 | 90.0 | 91.2 | 93.6 | 95.1 | 95.8 | 97.0 | 97.4 | 98.2 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 922

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 8.7 | 46.9 | 46.9 | 47.0 | 47.0 | 47.0 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 |
| ≥ 20000 | 8.7 | 50.0 | 50.1 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.3 | 50.3 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| ≥ 18000 | 8.7 | 50.0 | 50.2 | 50.4 | 50.4 | 50.4 | 50.6 | 50.6 | 50.6 | 50.6 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| ≥ 16000 | 8.7 | 50.0 | 50.2 | 50.4 | 50.4 | 50.4 | 50.6 | 50.6 | 50.6 | 50.6 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| ≥ 14000 | 8.8 | 50.6 | 50.8 | 51.0 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| ≥ 12000 | 8.8 | 51.8 | 52.0 | 52.2 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 10000 | 9.2 | 54.3 | 54.6 | 54.9 | 54.9 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 9000 | 9.2 | 54.8 | 55.1 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 8000 | 10.0 | 60.1 | 60.5 | 61.0 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 7000 | 10.1 | 61.0 | 61.4 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 6000 | 10.1 | 61.6 | 62.1 | 62.6 | 62.6 | 62.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 5000 | 10.1 | 62.8 | 63.4 | 63.9 | 63.9 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 4500 | 10.1 | 63.6 | 64.2 | 64.7 | 64.7 | 64.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 4000 | 10.2 | 66.4 | 66.9 | 67.7 | 67.8 | 67.9 | 68.3 | 68.4 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 |
| ≥ 3500 | 10.2 | 68.6 | 69.1 | 70.0 | 70.2 | 70.4 | 70.7 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 71.0 |
| ≥ 3000 | 10.4 | 72.8 | 73.5 | 74.4 | 74.9 | 75.0 | 75.4 | 75.6 | 75.6 | 75.6 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 |
| ≥ 2500 | 10.4 | 74.3 | 75.2 | 76.2 | 76.9 | 77.0 | 77.4 | 77.5 | 77.5 | 77.5 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 78.0 |
| ≥ 2000 | 10.4 | 76.0 | 77.0 | 78.3 | 79.0 | 79.2 | 79.6 | 79.8 | 79.8 | 79.8 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.3 |
| ≥ 1800 | 10.4 | 76.0 | 77.0 | 78.3 | 79.1 | 79.3 | 79.8 | 79.9 | 79.9 | 79.9 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.4 |
| ≥ 1500 | 10.4 | 77.0 | 78.1 | 79.4 | 80.8 | 81.0 | 81.4 | 81.5 | 81.6 | 81.6 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 |
| ≥ 1200 | 10.4 | 77.3 | 78.4 | 80.0 | 81.3 | 81.5 | 82.1 | 82.4 | 82.6 | 82.9 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 |
| ≥ 1000 | 10.4 | 78.0 | 79.2 | 81.0 | 82.3 | 82.7 | 83.3 | 83.7 | 84.0 | 84.3 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 85.0 |
| ≥ 900 | 10.6 | 78.4 | 79.8 | 81.5 | 82.9 | 83.3 | 83.8 | 84.3 | 84.5 | 84.8 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 |
| ≥ 800 | 10.6 | 78.5 | 80.2 | 82.0 | 83.4 | 83.8 | 84.4 | 85.0 | 85.4 | 86.1 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 |
| ≥ 700 | 10.6 | 78.7 | 80.3 | 82.1 | 83.7 | 84.2 | 84.8 | 85.7 | 86.3 | 87.2 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 |
| ≥ 600 | 10.6 | 78.7 | 80.4 | 82.3 | 84.2 | 84.6 | 85.4 | 86.4 | 86.9 | 88.2 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 |
| ≥ 500 | 10.6 | 78.8 | 80.5 | 82.5 | 84.7 | 85.2 | 86.1 | 87.2 | 87.8 | 89.9 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 |
| ≥ 400 | 10.6 | 78.8 | 80.5 | 82.5 | 85.0 | 85.4 | 86.4 | 87.8 | 88.6 | 90.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 |
| ≥ 300 | 10.6 | 78.9 | 80.8 | 82.9 | 85.5 | 86.1 | 87.5 | 89.3 | 90.0 | 93.3 | 94.7 | 95.0 | 96.1 | 96.5 | 96.8 | 97.0 |
| ≥ 200 | 10.6 | 78.9 | 80.8 | 82.9 | 85.5 | 86.1 | 87.5 | 89.3 | 90.0 | 93.3 | 94.7 | 95.0 | 96.1 | 96.5 | 96.8 | 97.0 |
| ≥ 100 | 10.6 | 78.9 | 80.8 | 82.9 | 85.5 | 86.1 | 87.5 | 89.3 | 90.0 | 93.3 | 94.7 | 95.0 | 96.1 | 96.5 | 96.8 | 97.0 |
| ≥ 0 | 10.6 | 78.9 | 80.8 | 82.9 | 85.5 | 86.2 | 87.6 | 89.4 | 90.2 | 93.5 | 94.9 | 95.2 | 96.6 | 97.7 | 98.2 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS 908

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 9.6 | 44.8 | 45.9 | 46.0 | 46.3 | 46.3 | 46.4 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| ≥ 20000 | 9.6 | 47.5 | 49.0 | 49.1 | 49.4 | 49.4 | 49.5 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| IV 18000 | 9.6 | 47.5 | 49.0 | 49.1 | 49.4 | 49.4 | 49.5 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| IV 16000 | 9.6 | 47.5 | 49.0 | 49.1 | 49.4 | 49.4 | 49.5 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| IV 14000 | 9.6 | 48.1 | 49.5 | 49.6 | 49.9 | 49.9 | 50.1 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| IV 12000 | 9.6 | 49.1 | 50.5 | 50.7 | 51.0 | 51.0 | 51.2 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| IV 10000 | 9.8 | 51.6 | 53.0 | 53.5 | 53.8 | 53.8 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 |
| IV 9000 | 9.8 | 52.1 | 53.6 | 54.0 | 54.4 | 54.4 | 54.5 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 |
| IV 8000 | 10.5 | 57.3 | 58.9 | 59.6 | 60.2 | 60.2 | 60.3 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.1 |
| IV 7000 | 10.5 | 58.9 | 60.4 | 61.2 | 61.7 | 61.7 | 61.9 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.6 |
| IV 6000 | 10.6 | 59.8 | 61.3 | 62.1 | 62.6 | 62.6 | 62.7 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.5 |
| IV 5000 | 10.7 | 61.7 | 63.3 | 64.2 | 64.7 | 64.7 | 64.8 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.6 |
| IV 4500 | 10.9 | 63.1 | 64.7 | 65.6 | 66.2 | 66.2 | 66.3 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 67.0 |
| IV 4000 | 11.2 | 65.6 | 67.3 | 68.1 | 68.7 | 68.7 | 68.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.5 | 69.5 | 69.6 |
| IV 3500 | 11.4 | 67.9 | 69.6 | 70.5 | 71.1 | 71.2 | 71.4 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.2 |
| IV 3000 | 11.4 | 70.9 | 72.8 | 73.6 | 74.4 | 74.5 | 74.8 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.6 |
| IV 2500 | 11.5 | 73.1 | 75.0 | 76.3 | 77.3 | 77.4 | 77.8 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.7 | 78.7 | 78.8 |
| IV 2000 | 11.5 | 74.2 | 76.3 | 77.9 | 79.2 | 79.3 | 79.7 | 80.4 | 80.4 | 80.5 | 80.6 | 80.6 | 80.6 | 80.8 | 80.8 | 80.9 |
| IV 1800 | 11.5 | 74.5 | 76.6 | 78.3 | 79.5 | 79.6 | 80.0 | 80.7 | 80.7 | 80.8 | 80.9 | 80.9 | 80.9 | 81.1 | 81.1 | 81.3 |
| IV 1500 | 11.6 | 75.1 | 77.2 | 79.2 | 80.8 | 80.9 | 81.5 | 82.5 | 82.5 | 82.8 | 82.9 | 82.9 | 82.9 | 83.1 | 83.1 | 83.2 |
| IV 1200 | 11.7 | 75.7 | 77.8 | 80.0 | 82.0 | 82.1 | 82.7 | 83.8 | 83.9 | 84.3 | 84.5 | 84.5 | 84.5 | 84.7 | 84.7 | 84.8 |
| IV 1000 | 11.9 | 76.5 | 78.7 | 81.0 | 83.5 | 83.6 | 84.3 | 86.0 | 86.2 | 86.8 | 87.0 | 87.1 | 87.3 | 87.3 | 87.3 | 87.4 |
| IV 900 | 11.9 | 76.7 | 78.9 | 81.3 | 83.7 | 83.8 | 84.6 | 86.3 | 86.7 | 87.2 | 87.4 | 87.5 | 87.8 | 87.8 | 87.8 | 88.0 |
| IV 800 | 11.9 | 77.0 | 79.3 | 81.7 | 84.1 | 84.2 | 85.0 | 86.8 | 87.1 | 88.0 | 88.2 | 88.3 | 88.5 | 88.5 | 88.5 | 88.8 |
| IV 700 | 11.9 | 77.3 | 79.6 | 82.0 | 84.5 | 84.6 | 85.3 | 87.1 | 87.4 | 88.3 | 88.5 | 88.6 | 88.9 | 88.9 | 88.9 | 89.1 |
| IV 600 | 11.9 | 77.3 | 79.6 | 82.0 | 84.6 | 84.8 | 85.8 | 87.5 | 88.2 | 89.3 | 89.6 | 89.7 | 90.0 | 90.0 | 90.0 | 90.2 |
| IV 500 | 12.0 | 77.4 | 79.7 | 82.1 | 84.9 | 85.2 | 86.4 | 88.5 | 89.2 | 90.6 | 91.1 | 91.2 | 91.5 | 91.5 | 91.5 | 91.7 |
| IV 400 | 12.0 | 77.4 | 79.7 | 82.1 | 85.0 | 85.4 | 86.8 | 89.0 | 89.6 | 91.4 | 92.2 | 92.3 | 92.6 | 92.6 | 92.6 | 92.8 |
| IV 300 | 12.0 | 77.4 | 79.7 | 82.1 | 85.3 | 85.8 | 87.2 | 89.9 | 90.5 | 92.5 | 93.8 | 93.9 | 94.5 | 94.5 | 94.5 | 94.7 |
| IV 200 | 12.0 | 77.5 | 79.8 | 82.2 | 85.4 | 86.0 | 87.4 | 90.3 | 91.0 | 93.4 | 95.3 | 95.4 | 96.6 | 96.8 | 97.0 | 97.6 |
| IV 100 | 12.0 | 77.5 | 79.8 | 82.2 | 85.8 | 86.3 | 88.0 | 90.8 | 91.5 | 94.3 | 96.1 | 96.3 | 97.8 | 98.3 | 98.7 | 99.4 |
| IV 0 | 12.0 | 77.5 | 79.8 | 82.2 | 85.8 | 86.3 | 88.0 | 90.8 | 91.5 | 94.3 | 96.1 | 96.3 | 97.8 | 98.6 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 907

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

743921

BRUNSWICK NAS ME

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 8.5 | 45.6 | 46.1 | 46.3 | 46.6 | 46.7 | 46.8 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 47.0 | 47.0 |
| ≥ 20000 | 8.6 | 49.3 | 50.0 | 50.2 | 50.5 | 50.6 | 50.7 | 50.8 | 50.8 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 51.0 | 51.0 |
| ≥ 18000 | 8.6 | 49.6 | 50.3 | 50.6 | 50.9 | 51.0 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.3 | 51.3 | 51.4 |
| ≥ 16000 | 8.6 | 49.6 | 50.3 | 50.7 | 51.0 | 51.0 | 51.1 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.4 | 51.4 |
| ≥ 14000 | 8.6 | 49.9 | 50.6 | 50.9 | 51.2 | 51.3 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 | 51.8 |
| ≥ 12000 | 8.7 | 51.0 | 51.8 | 52.1 | 52.4 | 52.5 | 52.6 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.9 | 53.0 |
| ≥ 10000 | 9.1 | 53.5 | 54.3 | 54.7 | 55.0 | 55.1 | 55.2 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 |
| ≥ 9000 | 9.0 | 53.9 | 54.8 | 55.1 | 55.5 | 55.5 | 55.7 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.1 |
| ≥ 8000 | 9.5 | 58.6 | 59.6 | 60.1 | 60.5 | 60.6 | 60.8 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.3 | 61.4 |
| ≥ 7000 | 9.6 | 59.8 | 60.8 | 61.4 | 61.8 | 61.8 | 62.1 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.6 |
| ≥ 6000 | 9.8 | 60.4 | 61.5 | 62.1 | 62.5 | 62.5 | 62.8 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.3 | 63.4 |
| ≥ 5000 | 9.9 | 62.1 | 63.2 | 63.9 | 64.3 | 64.4 | 64.7 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.2 |
| ≥ 4500 | 10.1 | 62.9 | 64.0 | 64.7 | 65.2 | 65.3 | 65.7 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.2 |
| ≥ 4000 | 10.2 | 65.1 | 66.3 | 67.0 | 67.6 | 67.7 | 68.1 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.5 | 68.6 | 68.7 |
| ≥ 3500 | 10.3 | 66.8 | 68.2 | 68.9 | 69.5 | 69.7 | 70.1 | 70.4 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.7 |
| ≥ 3000 | 10.5 | 70.3 | 71.8 | 72.7 | 73.4 | 73.6 | 74.1 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.6 | 74.7 | 74.7 | 74.8 |
| ≥ 2500 | 10.6 | 72.3 | 74.0 | 75.0 | 75.9 | 76.1 | 76.7 | 77.0 | 77.0 | 77.1 | 77.2 | 77.2 | 77.3 | 77.4 | 77.4 | 77.5 |
| ≥ 2000 | 10.6 | 74.1 | 75.9 | 77.2 | 78.1 | 78.5 | 79.2 | 79.7 | 79.7 | 79.8 | 79.9 | 79.9 | 80.0 | 80.1 | 80.1 | 80.2 |
| ≥ 1800 | 10.6 | 74.5 | 76.3 | 77.5 | 78.5 | 78.9 | 79.6 | 80.1 | 80.1 | 80.2 | 80.3 | 80.3 | 80.4 | 80.5 | 80.5 | 80.6 |
| ≥ 1500 | 10.7 | 75.5 | 77.4 | 78.7 | 79.9 | 80.3 | 81.1 | 81.8 | 81.9 | 82.1 | 82.2 | 82.2 | 82.3 | 82.4 | 82.4 | 82.5 |
| ≥ 1200 | 10.7 | 75.9 | 77.9 | 79.3 | 80.7 | 81.1 | 82.0 | 82.8 | 82.9 | 83.2 | 83.3 | 83.4 | 83.4 | 83.5 | 83.6 | 83.7 |
| ≥ 1000 | 10.8 | 76.5 | 78.6 | 80.2 | 81.8 | 82.4 | 83.4 | 84.8 | 84.9 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.8 | 85.9 |
| ≥ 900 | 10.8 | 76.7 | 78.9 | 80.5 | 82.2 | 82.7 | 83.8 | 85.2 | 85.4 | 85.9 | 86.1 | 86.1 | 86.2 | 86.3 | 86.3 | 86.4 |
| ≥ 800 | 10.8 | 76.9 | 79.1 | 80.8 | 82.5 | 83.1 | 84.3 | 85.8 | 86.1 | 86.7 | 86.9 | 87.0 | 87.1 | 87.2 | 87.2 | 87.3 |
| ≥ 700 | 10.8 | 77.1 | 79.3 | 81.1 | 82.8 | 83.4 | 84.8 | 86.6 | 86.9 | 87.6 | 87.9 | 87.9 | 88.1 | 88.3 | 88.3 | 88.4 |
| ≥ 600 | 10.8 | 77.1 | 79.5 | 81.3 | 83.2 | 83.8 | 85.3 | 87.3 | 87.9 | 88.7 | 89.0 | 89.1 | 89.3 | 89.5 | 89.5 | 89.6 |
| ≥ 500 | 10.8 | 77.2 | 79.5 | 81.5 | 83.5 | 84.3 | 86.1 | 88.3 | 89.0 | 90.1 | 90.8 | 90.8 | 91.2 | 91.3 | 91.4 | 91.5 |
| ≥ 400 | 10.8 | 77.2 | 79.5 | 81.5 | 83.7 | 84.5 | 86.6 | 89.1 | 89.8 | 91.1 | 92.1 | 92.2 | 92.6 | 92.8 | 92.9 | 93.0 |
| ≥ 300 | 10.9 | 77.2 | 79.6 | 81.6 | 84.0 | 84.8 | 87.1 | 89.8 | 90.6 | 92.4 | 94.0 | 94.2 | 94.8 | 95.1 | 95.2 | 95.4 |
| ≥ 200 | 10.8 | 77.3 | 79.7 | 81.7 | 84.1 | 84.9 | 87.3 | 90.2 | 91.0 | 93.2 | 95.2 | 95.4 | 96.6 | 97.2 | 97.5 | 97.8 |
| ≥ 100 | 10.8 | 77.3 | 79.7 | 81.7 | 84.1 | 85.0 | 87.4 | 90.3 | 91.1 | 93.5 | 95.5 | 95.7 | 97.0 | 98.0 | 98.5 | 99.3 |
| ≥ 0 | 10.8 | 77.3 | 79.7 | 81.7 | 84.1 | 85.0 | 87.4 | 90.3 | 91.1 | 93.5 | 95.5 | 95.7 | 97.1 | 98.0 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7305

USAF ETAC FORM 10-15 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74392

BRUNSWICK NAS ME

69-70,73-80

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 9.8 | 44.0 | 45.6 | 46.4 | 47.1 | 47.2 | 47.6 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.2 | 48.3 | 48.3 | 48.5 |
| ≥ 20000 | 10.0 | 48.2 | 50.1 | 51.1 | 51.9 | 52.1 | 52.5 | 52.8 | 52.9 | 53.1 | 53.2 | 53.2 | 53.3 | 53.4 | 53.4 | 53.6 |
| IV 18000 | 10.0 | 48.4 | 50.3 | 51.3 | 52.1 | 52.3 | 52.7 | 53.0 | 53.1 | 53.3 | 53.4 | 53.4 | 53.5 | 53.6 | 53.6 | 53.9 |
| IV 16000 | 10.0 | 48.5 | 50.4 | 51.4 | 52.2 | 52.3 | 52.7 | 53.1 | 53.1 | 53.3 | 53.4 | 53.5 | 53.5 | 53.6 | 53.7 | 53.9 |
| IV 14000 | 10.1 | 48.8 | 50.7 | 51.8 | 52.6 | 52.7 | 53.1 | 53.5 | 53.5 | 53.7 | 53.9 | 53.9 | 54.0 | 54.0 | 54.1 | 54.3 |
| IV 12000 | 10.2 | 49.9 | 51.9 | 52.9 | 53.8 | 53.9 | 54.4 | 54.7 | 54.8 | 55.0 | 55.1 | 55.1 | 55.2 | 55.3 | 55.3 | 55.6 |
| IV 10000 | 10.4 | 52.3 | 54.5 | 55.6 | 56.6 | 56.8 | 57.2 | 57.6 | 57.7 | 57.9 | 58.1 | 58.1 | 58.2 | 58.2 | 58.3 | 58.5 |
| IV 9000 | 10.5 | 52.7 | 54.9 | 56.1 | 57.0 | 57.2 | 57.7 | 58.1 | 58.2 | 58.4 | 58.5 | 58.5 | 58.6 | 58.7 | 58.8 | 59.0 |
| IV 8000 | 10.8 | 56.0 | 58.5 | 59.9 | 61.0 | 61.2 | 61.7 | 62.2 | 62.3 | 62.5 | 62.7 | 62.7 | 62.8 | 62.9 | 63.0 | 63.2 |
| IV 7000 | 10.9 | 57.2 | 59.7 | 61.2 | 62.3 | 62.5 | 63.1 | 63.6 | 63.6 | 63.9 | 64.1 | 64.1 | 64.2 | 64.3 | 64.3 | 64.6 |
| IV 6000 | 11.1 | 57.9 | 60.6 | 62.0 | 63.2 | 63.4 | 64.0 | 64.4 | 64.5 | 64.8 | 65.0 | 65.0 | 65.1 | 65.2 | 65.2 | 65.5 |
| IV 5000 | 11.2 | 59.4 | 62.2 | 63.7 | 64.9 | 65.2 | 65.7 | 66.2 | 66.3 | 66.6 | 66.8 | 66.8 | 66.9 | 67.0 | 67.0 | 67.3 |
| IV 4500 | 11.3 | 60.3 | 63.1 | 64.6 | 65.8 | 66.1 | 66.7 | 67.2 | 67.3 | 67.6 | 67.7 | 67.8 | 67.9 | 67.9 | 68.0 | 68.2 |
| IV 4000 | 11.5 | 62.3 | 65.2 | 66.9 | 68.2 | 68.5 | 69.1 | 69.6 | 69.7 | 70.0 | 70.2 | 70.2 | 70.3 | 70.4 | 70.5 | 70.7 |
| IV 3500 | 11.6 | 63.5 | 66.5 | 68.2 | 69.6 | 69.9 | 70.5 | 71.0 | 71.1 | 71.4 | 71.6 | 71.6 | 71.7 | 71.8 | 71.9 | 72.1 |
| IV 3000 | 11.7 | 66.4 | 69.6 | 71.6 | 73.1 | 73.4 | 74.2 | 74.8 | 74.8 | 75.2 | 75.4 | 75.4 | 75.5 | 75.6 | 75.7 | 75.9 |
| IV 2500 | 11.8 | 67.8 | 71.2 | 73.3 | 74.9 | 75.3 | 76.1 | 76.7 | 76.8 | 77.2 | 77.4 | 77.4 | 77.5 | 77.6 | 77.7 | 77.9 |
| IV 2000 | 11.9 | 69.0 | 72.6 | 74.8 | 76.6 | 76.9 | 77.8 | 78.5 | 78.6 | 79.0 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.8 |
| IV 1800 | 11.9 | 69.1 | 72.7 | 74.9 | 76.7 | 77.1 | 78.0 | 78.7 | 78.8 | 79.2 | 79.4 | 79.4 | 79.6 | 79.6 | 79.7 | 80.0 |
| IV 1500 | 12.0 | 70.1 | 73.8 | 76.2 | 78.1 | 78.6 | 79.5 | 80.3 | 80.4 | 80.9 | 81.1 | 81.1 | 81.3 | 81.3 | 81.4 | 81.7 |
| IV 1200 | 12.0 | 70.6 | 74.4 | 76.9 | 78.9 | 79.4 | 80.4 | 81.2 | 81.4 | 81.8 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.6 |
| IV 1000 | 12.0 | 71.2 | 75.2 | 77.9 | 80.1 | 80.7 | 81.8 | 82.9 | 83.0 | 83.5 | 83.8 | 83.8 | 84.0 | 84.1 | 84.2 | 84.4 |
| IV 900 | 12.0 | 71.4 | 75.5 | 78.2 | 80.6 | 81.1 | 82.3 | 83.4 | 83.5 | 84.1 | 84.4 | 84.4 | 84.6 | 84.7 | 84.7 | 85.0 |
| IV 800 | 12.0 | 71.7 | 75.9 | 78.8 | 81.3 | 81.9 | 83.2 | 84.4 | 84.6 | 85.2 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.2 |
| IV 700 | 12.0 | 71.9 | 76.2 | 79.2 | 81.9 | 82.6 | 84.0 | 85.3 | 85.6 | 86.2 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.3 |
| IV 600 | 12.0 | 72.1 | 76.6 | 79.7 | 82.6 | 83.4 | 85.0 | 86.5 | 86.8 | 87.6 | 88.0 | 88.1 | 88.3 | 88.4 | 88.5 | 88.7 |
| IV 500 | 12.0 | 72.3 | 76.9 | 80.2 | 83.5 | 84.3 | 86.3 | 88.2 | 88.5 | 89.6 | 90.1 | 90.2 | 90.5 | 90.7 | 90.8 | 91.0 |
| IV 400 | 12.0 | 72.3 | 77.0 | 80.5 | 83.9 | 84.8 | 87.0 | 89.2 | 89.6 | 90.9 | 91.7 | 91.8 | 92.2 | 92.4 | 92.5 | 92.8 |
| IV 300 | 12.0 | 72.4 | 77.1 | 80.6 | 84.1 | 85.1 | 87.4 | 90.1 | 90.5 | 92.2 | 93.3 | 93.6 | 94.2 | 94.5 | 94.6 | 94.9 |
| IV 200 | 12.0 | 72.4 | 77.1 | 80.6 | 84.2 | 85.2 | 87.6 | 90.4 | 90.9 | 92.9 | 94.3 | 94.6 | 95.6 | 96.3 | 96.6 | 96.9 |
| IV 100 | 12.0 | 72.4 | 77.1 | 80.6 | 84.2 | 85.2 | 87.6 | 90.4 | 91.0 | 93.0 | 94.5 | 94.8 | 96.0 | 97.0 | 97.6 | 98.8 |
| IV 0 | 12.0 | 72.4 | 77.1 | 80.6 | 84.2 | 85.2 | 87.6 | 90.4 | 91.0 | 93.0 | 94.5 | 94.8 | 96.0 | 97.0 | 97.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 86086

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY SIGNIFICANT.

SKY COVER

JAN

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | 00-02 | 32.1 | | | 15.0 | | | | | | 9.9 | 43.0 | 5.6 | 916 |
| | 03-05 | 30.7 | | | 17.8 | | | | | | 11.3 | 40.2 | 5.6 | 920 |
| | 06-08 | 21.5 | | | 23.9 | | | | | | 15.8 | 38.7 | 6.0 | 911 |
| | 09-11 | 17.1 | | | 25.8 | | | | | | 17.5 | 39.5 | 6.3 | 918 |
| | 12-14 | 13.2 | | | 28.5 | | | | | | 18.8 | 39.6 | 6.5 | 910 |
| | 15-17 | 12.3 | | | 30.7 | | | | | | 18.0 | 39.0 | 6.4 | 916 |
| | 18-20 | 22.8 | | | 24.0 | | | | | | 13.4 | 39.8 | 5.9 | 917 |
| | 21-23 | 25.7 | | | 21.4 | | | | | | 10.3 | 42.5 | 5.8 | 919 |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| TOTALS | | 21.9 | | | 23.4 | | | | | | 14.4 | 40.3 | 6.0 | 7329 |

SKY COVER

FEB

MONTH

| MONTH | HOURS [L.S.T.] | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| FEB | 00-02 | 30.9 | | | 19.2 | | | | | | 12.1 | 37.6 | 5.4 | 835 |
| | 03-05 | 30.1 | | | 18.0 | | | | | | 11.2 | 40.7 | 5.6 | 830 |
| | 06-08 | 18.0 | | | 24.9 | | | | | | 17.9 | 39.3 | 6.3 | 828 |
| | 09-11 | 17.5 | | | 24.1 | | | | | | 20.2 | 38.2 | 6.4 | 841 |
| | 12-14 | 16.6 | | | 24.5 | | | | | | 20.8 | 38.0 | 6.4 | 822 |
| | 15-17 | 15.5 | | | 26.6 | | | | | | 22.1 | 35.9 | 6.4 | 834 |
| | 18-20 | 22.9 | | | 27.5 | | | | | | 14.6 | 35.0 | 5.6 | 829 |
| | 21-23 | 32.7 | | | 19.2 | | | | | | 12.2 | 36.0 | 5.3 | 830 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 23.1 | | | 23.0 | | | | | | 16.4 | 37.6 | 5.9 | 6649 |

FORM
JUL 64

0.9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAR

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAR | 00-02 | 30.9 | | | 15.3 | | | | | | 9.5 | 44.3 | 5.7 | 896 |
| | 03-05 | 29.1 | | | 17.2 | | | | | | 9.8 | 44.0 | 5.8 | 901 |
| | 06-08 | 14.5 | | | 21.3 | | | | | | 19.6 | 44.6 | 6.9 | 903 |
| | 09-11 | 13.8 | | | 20.7 | | | | | | 20.4 | 45.2 | 7.0 | 908 |
| | 12-14 | 11.4 | | | 18.5 | | | | | | 25.1 | 45.0 | 7.3 | 913 |
| | 15-17 | 10.5 | | | 22.5 | | | | | | 21.8 | 45.2 | 7.2 | 903 |
| | 18-20 | 15.6 | | | 27.5 | | | | | | 13.1 | 43.8 | 6.4 | 902 |
| | 21-23 | 28.0 | | | 18.2 | | | | | | 11.2 | 42.6 | 5.8 | 911 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 19.2 | | | 20.2 | | | | | | 16.3 | 44.3 | 6.5 | 7237 |

FORM
ML 61

0-9-3 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

APR

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| APR | 00-02 | 28.2 | | | 16.9 | | | | | | 14.0 | 41.0 | 5.9 | 884 |
| | 03-05 | 23.6 | | | 20.0 | | | | | | 15.7 | 40.7 | 6.1 | 885 |
| | 06-08 | 18.3 | | | 19.8 | | | | | | 20.0 | 41.8 | 6.6 | 878 |
| | 09-11 | 14.2 | | | 20.4 | | | | | | 23.6 | 41.8 | 6.9 | 887 |
| | 12-14 | 9.0 | | | 22.2 | | | | | | 28.8 | 40.0 | 7.3 | 878 |
| | 15-17 | 9.6 | | | 22.5 | | | | | | 25.9 | 42.0 | 7.2 | 885 |
| | 18-20 | 12.4 | | | 26.0 | | | | | | 20.6 | 41.0 | 6.7 | 884 |
| | 21-23 | 26.0 | | | 18.7 | | | | | | 14.5 | 40.8 | 5.9 | 889 |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| TOTALS | | 17.7 | | | 20.8 | | | | | | 20.4 | 41.1 | 6.6 | 7070 |

USAFETAC **FORM** **0-9.5 (OLI)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.**
JUN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SKY COVER

743927

BRUNSWICK NAS ME

69-70,73-80

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAY | 00-02 | 22.9 | | | 16.6 | | | | | | 12.5 | 46.0 | 6.4 | 903 |
| | 03-05 | 16.4 | | | 22.3 | | | | | | 15.4 | 45.8 | 6.6 | 895 |
| | 06-08 | 12.6 | | | 22.7 | | | | | | 19.4 | 45.3 | 7.0 | 907 |
| | 09-11 | 10.2 | | | 25.0 | | | | | | 24.3 | 40.5 | 7.0 | 915 |
| | 12-14 | 6.6 | | | 28.2 | | | | | | 26.9 | 38.3 | 7.1 | 911 |
| | 15-17 | 8.0 | | | 25.0 | | | | | | 24.9 | 42.1 | 7.2 | 916 |
| | 18-20 | 8.6 | | | 24.5 | | | | | | 24.2 | 42.8 | 7.2 | 919 |
| | 21-23 | 19.5 | | | 19.2 | | | | | | 18.2 | 43.1 | 6.5 | 912 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| TOTALS | | 13.1 | | | 22.9 | | | | | | 20.7 | 43.2 | 6.9 | 7278 |

USAFETAC

FORM 0-9.5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUN

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 00-02 | 23.6 | | | 22.2 | | | | | | 11.8 | 42.4 | 6.0 | 874 |
| | 03-05 | 11.2 | | | 28.4 | | | | | | 18.4 | 42.0 | 6.7 | 876 |
| | 06-08 | 12.2 | | | 27.0 | | | | | | 19.9 | 40.9 | 6.7 | 880 |
| | 09-11 | 8.9 | | | 28.6 | | | | | | 22.3 | 40.1 | 6.9 | 887 |
| | 12-14 | 5.7 | | | 26.5 | | | | | | 31.0 | 36.8 | 7.3 | 882 |
| | 15-17 | 4.9 | | | 28.4 | | | | | | 30.1 | 36.6 | 7.2 | 891 |
| | 18-20 | 5.2 | | | 29.5 | | | | | | 28.2 | 37.0 | 7.1 | 878 |
| | 21-23 | 13.2 | | | 28.9 | | | | | | 17.7 | 40.2 | 6.5 | 879 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 10.6 | | | 27.4 | | | | | | 22.4 | 39.5 | 6.8 | 7047 |

FORM
MB-44

FORM 0.9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUL

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUL | 00-02 | 21.1 | | | 20.5 | | | | | | 16.0 | 42.4 | 6.3 | 885 |
| | 03-05 | 13.8 | | | 23.8 | | | | | | 20.8 | 41.6 | 6.7 | 885 |
| | 06-08 | 12.4 | | | 23.9 | | | | | | 24.6 | 39.1 | 6.8 | 890 |
| | 09-11 | 9.4 | | | 31.5 | | | | | | 26.7 | 32.5 | 6.6 | 918 |
| | 12-14 | 3.9 | | | 30.6 | | | | | | 34.2 | 31.2 | 7.1 | 914 |
| | 15-17 | 3.7 | | | 30.2 | | | | | | 35.8 | 30.2 | 7.2 | 913 |
| | 18-20 | 5.3 | | | 28.5 | | | | | | 34.4 | 31.8 | 7.1 | 903 |
| | 21-23 | 15.0 | | | 25.6 | | | | | | 23.1 | 36.4 | 6.5 | 896 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 10.6 | | | 26.8 | | | | | | 27.0 | 35.7 | 6.8 | 7204 |

FORM 0-9-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

AUG

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 25.0 | | | 21.4 | | | | | | 16.5 | 37.1 | 5.8 | 863 |
| | 03-05 | 18.4 | | | 24.6 | | | | | | 16.0 | 40.9 | 6.3 | 871 |
| | 06-08 | 14.1 | | | 23.7 | | | | | | 24.6 | 37.6 | 6.7 | 889 |
| | 09-11 | 12.7 | | | 29.2 | | | | | | 27.7 | 30.4 | 6.4 | 906 |
| | 12-14 | 5.7 | | | 34.7 | | | | | | 30.8 | 28.8 | 6.7 | 902 |
| | 15-17 | 5.7 | | | 36.2 | | | | | | 29.8 | 28.3 | 6.6 | 897 |
| | 18-20 | 9.6 | | | 36.9 | | | | | | 24.1 | 29.4 | 6.2 | 895 |
| | 21-23 | 23.6 | | | 25.3 | | | | | | 17.6 | 33.6 | 5.7 | 882 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 14.4 | | | 29.0 | | | | | | 23.4 | 33.3 | 6.3 | 7105 |

SKY COVER

SEP

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| SEP | 00-02 | 28.6 | | | 16.4 | | | | | | 14.8 | 40.2 | 5.8 | 859 |
| | 03-05 | 24.8 | | | 19.7 | | | | | | 17.2 | 38.3 | 6.0 | 867 |
| | 06-08 | 14.8 | | | 28.2 | | | | | | 17.9 | 39.0 | 6.4 | 876 |
| | 09-11 | 10.9 | | | 31.2 | | | | | | 23.1 | 34.8 | 6.5 | 886 |
| | 12-14 | 5.9 | | | 33.6 | | | | | | 28.9 | 31.6 | 6.8 | 882 |
| | 15-17 | 6.6 | | | 34.5 | | | | | | 25.4 | 33.4 | 6.7 | 889 |
| | 18-20 | 13.7 | | | 28.6 | | | | | | 23.6 | 34.1 | 6.4 | 889 |
| | 21-23 | 25.3 | | | 20.4 | | | | | | 16.6 | 37.7 | 5.9 | 883 |
| | | | | | | | | | | | | | | |
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| TOTALS | | 16.3 | | | 26.6 | | | | | | 20.9 | 36.1 | 6.3 | 7031 |

2

OCT

OCT

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 00-02 | 27.8 | | | 17.4 | | | | | | 13.0 | 41.9 | 5.9 | 893 |
| | 03-05 | 28.9 | | | 18.5 | | | | | | 12.8 | 39.8 | 5.7 | 882 |
| | 06-08 | 15.0 | | | 26.2 | | | | | | 21.8 | 37.0 | 6.5 | 894 |
| | 09-11 | 14.1 | | | 24.9 | | | | | | 25.6 | 35.4 | 6.6 | 918 |
| | 12-14 | 12.9 | | | 24.9 | | | | | | 27.6 | 34.6 | 6.7 | 910 |
| | 15-17 | 13.8 | | | 27.7 | | | | | | 24.9 | 33.6 | 6.4 | 916 |
| | 18-20 | 21.9 | | | 25.9 | | | | | | 18.1 | 34.1 | 5.8 | 910 |
| | 21-23 | 29.0 | | | 18.5 | | | | | | 15.6 | 36.8 | 5.6 | 901 |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.4 | | | 23.0 | | | | | | 19.9 | 36.7 | 6.2 | 7224 |

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NOV

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| NOV | 00-02 | 22.1 | | | 18.7 | | | | | | 13.7 | 45.6 | 6.4 | 879 |
| | 03-05 | 24.9 | | | 16.3 | | | | | | 13.5 | 45.3 | 6.2 | 876 |
| | 06-08 | 11.2 | | | 25.1 | | | | | | 20.6 | 43.2 | 6.9 | 885 |
| | 09-11 | 10.0 | | | 26.2 | | | | | | 20.5 | 43.3 | 7.0 | 893 |
| | 12-14 | 7.0 | | | 28.2 | | | | | | 23.2 | 41.5 | 7.1 | 882 |
| | 15-17 | 7.0 | | | 28.1 | | | | | | 23.9 | 41.0 | 7.1 | 886 |
| | 18-20 | 16.2 | | | 25.0 | | | | | | 15.1 | 43.8 | 6.5 | 877 |
| | 21-23 | 22.9 | | | 20.5 | | | | | | 11.8 | 44.7 | 6.1 | 876 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 15.2 | | | 23.5 | | | | | | 17.8 | 43.6 | 6.7 | 7054 |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7-3927 BRUNSWICK NAS ME

69-70,73-80

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|-------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| DEC | 00-02 | 28.6 | | | 14.3 | | | | | | 13.2 | 44.0 | 6.0 | 912 |
| | 03-05 | 30.2 | | | 15.1 | | | | | | 10.6 | 44.1 | 5.8 | 916 |
| | 06-08 | 18.8 | | | 23.6 | | | | | | 16.5 | 41.0 | 6.3 | 914 |
| | 09-11 | 14.3 | | | 21.8 | | | | | | 20.7 | 43.1 | 6.8 | 916 |
| | 12-14 | 13.5 | | | 22.0 | | | | | | 23.1 | 41.3 | 6.9 | 912 |
| | 15-17 | 14.2 | | | 22.2 | | | | | | 21.9 | 41.8 | 6.8 | 924 |
| | 18-20 | 22.2 | | | 19.7 | | | | | | 12.5 | 45.6 | 6.3 | 910 |
| | 21-23 | 26.3 | | | 15.8 | | | | | | 11.6 | 46.4 | 6.2 | 906 |
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USAFETAC

FORM
JUL 64

0-9-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

74392

BRUNSWICK NAS ME

69-70,73-80

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|-------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | ALL | 21.9 | | | 23.4 | | | | | | 14.4 | 40.3 | 6.0 | 7329 |
| FEB | | 23.1 | | | 23.0 | | | | | | 16.4 | 37.6 | 5.9 | 6649 |
| MAR | | 19.2 | | | 20.2 | | | | | | 16.3 | 44.3 | 6.5 | 7237 |
| APR | | 17.7 | | | 20.8 | | | | | | 20.4 | 41.1 | 6.6 | 7070 |
| MAY | | 13.1 | | | 22.9 | | | | | | 20.7 | 43.2 | 6.9 | 7278 |
| JUN | | 10.6 | | | 27.4 | | | | | | 22.4 | 39.5 | 6.8 | 7047 |
| JUL | | 10.6 | | | 26.8 | | | | | | 27.0 | 35.7 | 6.8 | 7204 |
| AUG | | 14.4 | | | 29.0 | | | | | | 23.4 | 33.3 | 6.3 | 7105 |
| SEP | | 16.3 | | | 26.6 | | | | | | 20.9 | 36.1 | 6.3 | 7031 |
| OCT | | 20.4 | | | 23.0 | | | | | | 19.9 | 36.7 | 6.2 | 7224 |
| NOV | | 15.2 | | | 23.5 | | | | | | 17.8 | 43.6 | 6.7 | 7054 |
| DEC | | 21.0 | | | 19.3 | | | | | | 16.3 | 43.4 | 6.4 | 7310 |
| TOTALS | | 17.0 | | | 23.8 | | | | | | 19.7 | 39.6 | 6.5 | 85538 |

USAFETAC

FORM
JUL 64

0.9.5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
743920 BRUNSWICK NAS ME
STATION STATION NAME

DAILY TEMPERATURES

52-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 100 | | | | | | | | .1 | | | | | .0 |
| 95 | | | | | | .2 | .4 | .3 | .1 | | | | .1 |
| 90 | | | | | .1 | 2.0 | 3.5 | 2.0 | .5 | | | | .7 |
| 85 | | | | | 1.3 | 6.6 | 13.3 | 10.6 | 2.2 | .1 | | | 2.9 |
| 80 | | | | .5 | 4.1 | 18.4 | 38.6 | 32.0 | 7.1 | .7 | | | 8.5 |
| 75 | | | | 1.1 | 10.2 | 38.0 | 68.2 | 62.0 | 21.0 | 2.9 | | | 17.1 |
| 70 | | | .1 | 3.6 | 23.0 | 63.2 | 89.3 | 85.7 | 41.3 | 8.5 | .2 | | 26.4 |
| 65 | | | .3 | 7.2 | 40.6 | 81.6 | 97.8 | 96.8 | 66.0 | 20.5 | 1.4 | | 34.5 |
| 60 | .1 | | 1.1 | 17.9 | 61.3 | 92.8 | 99.8 | 99.2 | 89.2 | 41.4 | 4.9 | .1 | 42.4 |
| 55 | .2 | .4 | 3.4 | 33.8 | 80.3 | 98.9 | 100.0 | 100.0 | 97.8 | 66.2 | 16.4 | 1.3 | 50.0 |
| 50 | 1.3 | 1.3 | 10.3 | 55.1 | 93.0 | 99.9 | | | 99.7 | 86.1 | 35.6 | 5.0 | 57.4 |
| 45 | 7.1 | 7.0 | 27.5 | 80.9 | 98.4 | 100.0 | | | 100.0 | 95.7 | 59.3 | 14.9 | 66.0 |
| 40 | 16.7 | 20.9 | 51.6 | 93.7 | 99.8 | | | | | 99.2 | 79.8 | 30.7 | 74.4 |
| 35 | 34.2 | 43.5 | 78.1 | 99.2 | 100.0 | | | | | 99.9 | 93.1 | 48.7 | 83.1 |
| 30 | 54.5 | 64.0 | 90.4 | 100.0 | | | | | | 100.0 | 98.6 | 68.3 | 89.7 |
| 25 | 71.8 | 80.5 | 97.0 | | | | | | | | 99.9 | 84.0 | 94.4 |
| 20 | 84.0 | 91.2 | 99.3 | | | | | | | | | 92.0 | 97.2 |
| 15 | 92.9 | 95.6 | 100.0 | | | | | | | | 100.0 | 97.2 | 98.8 |
| 10 | 97.6 | 98.2 | | | | | | | | | | 98.9 | 99.6 |
| 5 | 99.2 | 99.9 | | | | | | | | | | 99.9 | 99.9 |
| 0 | 99.9 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| -10 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 30.0 | 32.0 | 39.9 | 51.6 | 62.6 | 72.0 | 77.5 | 76.4 | 68.3 | 58.0 | 46.4 | 34.0 | 54.1 |
| S.D. | 9.997 | 9.163 | 7.891 | 8.588 | 9.160 | 8.262 | 6.454 | 6.552 | 7.567 | 8.104 | 8.039 | 9.872 | 18.799 |
| TOTAL OBS. | 924 | 820 | 899 | 870 | 899 | 870 | 898 | 899 | 870 | 899 | 870 | 899 | 10617 |

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC
743920 BRUNSWICK NAS ME
STATION STATION NAME

52-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 70 | | | | | | | 1.0 | 1.1 | | | | | .2 |
| 65 | | | | | | 1.8 | 12.1 | 11.3 | 2.3 | | | | 2.3 |
| 60 | | | | | .2 | 14.1 | 51.2 | 42.2 | 10.3 | .2 | | | 9.9 |
| 55 | | | | | 3.2 | 42.0 | 82.5 | 70.3 | 29.1 | 6.6 | | | 19.4 |
| 50 | | | | .2 | 18.8 | 74.7 | 97.0 | 90.0 | 51.1 | 15.4 | 2.2 | | 29.2 |
| 45 | | | .1 | 3.6 | 46.6 | 92.9 | 99.8 | 98.7 | 73.3 | 28.6 | 7.6 | .1 | 37.7 |
| 40 | .2 | .1 | 1.6 | 19.7 | 73.0 | 99.3 | 100.0 | 99.9 | 89.2 | 50.3 | 15.9 | 1.2 | 46.0 |
| 35 | 2.3 | 2.1 | 9.7 | 47.2 | 91.5 | 100.0 | | 100.0 | 98.2 | 71.9 | 30.6 | 3.5 | 53.0 |
| 30 | 4.0 | 4.3 | 17.1 | 59.8 | 97.0 | | | | 99.4 | 78.5 | 39.9 | 7.3 | 59.1 |
| 25 | 8.3 | 8.2 | 29.8 | 77.8 | 99.7 | | | | 99.9 | 89.4 | 53.9 | 14.9 | 63.3 |
| 20 | 17.7 | 18.7 | 52.7 | 93.6 | 100.0 | | | | 100.0 | 97.6 | 77.2 | 30.7 | 74.1 |
| 15 | 27.9 | 32.1 | 71.3 | 98.6 | | | | | | 99.6 | 91.3 | 44.3 | 80.5 |
| 10 | 40.5 | 46.0 | 83.0 | 99.4 | | | | | | 100.0 | 97.2 | 60.3 | 83.6 |
| 5 | 55.0 | 60.9 | 91.7 | 100.0 | | | | | | | 99.5 | 74.0 | 90.1 |
| 0 | 68.8 | 72.8 | 96.9 | | | | | | | | 100.0 | 85.8 | 93.7 |
| -5 | 80.6 | 84.5 | 98.8 | | | | | | | | | 93.7 | 96.5 |
| -10 | 89.8 | 92.8 | 99.9 | | | | | | | | | 97.0 | 98.3 |
| -15 | 95.4 | 97.4 | 100.0 | | | | | | | | | 99.1 | 99.3 |
| -20 | 98.0 | 99.3 | | | | | | | | | | 99.4 | 99.7 |
| -25 | 99.0 | 99.8 | | | | | | | | | | 99.9 | 99.9 |
| | 100.0 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 11.3 | 12.7 | 23.8 | 34.0 | 43.8 | 53.2 | 59.2 | 57.6 | 49.6 | 39.8 | 30.8 | 17.2 | 36.1 |
| S.D. | 12.866 | 12.112 | 9.176 | 6.250 | 6.192 | 5.698 | 4.903 | 5.887 | 7.760 | 8.350 | 8.628 | 11.490 | 18.586 |
| TOTAL OBS. | 921 | 820 | 899 | 870 | 899 | 870 | 898 | 899 | 870 | 899 | 870 | 899 | 10614 |

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

743920

BRUNSWICK NAS ME

52-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 85 | | | | | | | .1 | .1 | | | | | .0 |
| 80 | | | | | | .3 | 1.6 | 1.0 | .2 | | | | .3 |
| 75 | | | | | .1 | 3.3 | 12.2 | 8.3 | 1.8 | | | | 2.2 |
| 70 | | | | | 1.7 | 14.8 | 42.1 | 34.9 | 7.8 | .1 | | | 8.5 |
| 65 | | | | .1 | 5.8 | 39.8 | 79.7 | 68.4 | 22.9 | 1.0 | | | 18.3 |
| 60 | | | | 1.3 | 17.8 | 68.4 | 98.0 | 93.0 | 47.4 | 9.6 | .2 | | 28.1 |
| 55 | | | .1 | 4.7 | 41.7 | 92.5 | 100.0 | 98.9 | 72.9 | 25.8 | 1.8 | | 36.7 |
| 50 | .1 | | .3 | 15.5 | 68.5 | 99.9 | | 100.0 | 92.2 | 47.1 | 9.1 | .2 | 44.5 |
| 45 | .4 | .4 | 3.9 | 39.7 | 92.0 | 100.0 | | | 99.0 | 71.1 | 24.1 | 2.1 | 52.9 |
| 40 | 2.4 | 3.0 | 16.6 | 69.7 | 99.2 | | | | 99.9 | 90.2 | 44.9 | 8.9 | 61.4 |
| 35 | 11.2 | 12.0 | 40.9 | 92.2 | 100.0 | | | | 100.0 | 98.4 | 70.6 | 20.9 | 70.6 |
| 30 | 24.5 | 27.3 | 67.1 | 98.3 | | | | | | 99.9 | 89.2 | 37.5 | 78.7 |
| 25 | 38.2 | 45.9 | 84.3 | 99.8 | | | | | | 100.0 | 97.2 | 55.7 | 85.1 |
| 20 | 55.5 | 62.7 | 92.7 | 100.0 | | | | | | | 99.5 | 73.1 | 90.3 |
| 15 | 72.1 | 79.0 | 97.4 | | | | | | | | 99.9 | 86.7 | 94.6 |
| 10 | 84.8 | 89.5 | 99.8 | | | | | | | | 100.0 | 94.5 | 97.4 |
| 5 | 92.9 | 95.2 | 100.0 | | | | | | | | | 97.4 | 98.8 |
| 0 | 97.2 | 98.3 | | | | | | | | | | 98.9 | 99.5 |
| -5 | 99.2 | 99.8 | | | | | | | | | | 100.0 | 99.9 |
| -10 | 99.8 | 100.0 | | | | | | | | | | | 100.0 |
| -15 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 20.8 | 22.6 | 32.1 | 43.0 | 53.4 | 62.9 | 68.6 | 67.2 | 59.2 | 49.1 | 38.8 | 25.9 | 45.3 |
| S.D. | 10.797 | 9.981 | 7.813 | 6.492 | 6.674 | 6.082 | 4.792 | 5.415 | 6.969 | 7.448 | 7.695 | 10.121 | 18.347 |
| TOTAL OBS. | 921 | 820 | 899 | 870 | 899 | 870 | 898 | 899 | 870 | 899 | 870 | 899 | 10614 |

USAFETAC FORM 0-21-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

74392 BRUNSWICK NAS ME

52-81

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 52 | * 48 | 46 | 54 | 70 | 77 | 88 | 91 | 88 | 86 | 72 | 67 | 48 | 91 |
| 53 | 50 | 54 | 60 | 71 | 82 | 88 | 98 | 96 | 93 | 73 | 68 | 57 | 98 |
| 54 | 49 | 55 | 57 | 71 | 80 | 85 | 82 | 88 | 79 | 84 | 59 | 52 | 88 |
| 55 | 43 | 51 | 57 | 69 | 80 | 88 | 95 | 94 | 84 | 76 | 55 | 40 | 95 |
| 56 | 48 | 43 | 49 | 61 | 81 | 91 | 87 | 85 | 82 | 75 | 63 | 48 | 91 |
| 57 | 48 | 57 | 53 | 83 | 86 | 89 | 91 | 83 | 78 | 70 | 58 | 55 | 91 |
| 58 | 47 | 42 | 51 | 68 | 70 | 79 | 86 | 83 | 81 | 69 | 60 | 46 | 86 |
| 59 | 48 | 42 | 62 | 65 | 89 | 91 | 88 | 90 | 84 | 74 | 62 | 50 | 91 |
| 60 | 47 | 47 | 46 | 73 | 76 | 83 | 84 | 86 | 89 | 69 | 60 | 49 | 89 |
| 61 | 44 | 50 | 55 | 62 | 77 | 85 | 88 | 88 | 92 | 76 | 60 | 52 | 92 |
| 62 | 49 | 42 | 55 | 70 | 85 | 88 | 89 | 84 | 82 | 73 | 60 | 62 | 89 |
| 63 | 48 | 42 | 63 | 72 | 78 | 94 | 94 | 84 | 75 | 82 | 61 | 50 | 94 |
| 64 | 46 | 43 | 54 | 73 | 86 | 86 | 90 | 82 | 80 | 78 | 66 | 50 | 90 |
| 65 | 45 | 46 | 59 | 63 | 83 | 88 | 88 | 88 | 87 | 78 | 62 | 46 | 88 |
| 66 | 54 | 49 | 55 | 65 | 76 | 88 | 91 | 88 | 88 | 74 | 62 | 59 | 91 |
| 67 | 47 | 49 | 51 | 70 | 76 | 93 | 86 | 82 | 82 | 71 | 64 | 50 | 93 |
| 68 | 44 | 50 | 57 | 67 | 74 | 87 | 94 | 85 | 83 | 81 | 53 | 47 | 94 |
| 69 | 48 | 47 | 52 | 70 | 79 | 91 | 93 | 90 | 89 | 73 | 60 | 55 | 93 |
| 70 | 39 | 49 | 52 | 73 | 79 | 88 | 92 | 90 | 82 | 78 | 58 | 56 | 92 |
| 71 | 41 | 49 | 52 | 58 | 76 | 89 | 88 | 91 | 88 | 85 | 73 | 53 | 91 |
| 72 | 54 | 51 | 53 | 63 | 82 | 82 | 87 | 89 | 82 | 71 | 60 | 53 | 89 |
| 73 | 52 | 50 | 60 | 76 | 80 | 91 | 91 | 94 | 95 | 70 | 69 | 59 | 95 |
| 74 | 61 | 49 | 67 | 75 | 84 | 90 | 87 | 87 | 85 | 73 | 74 | 54 | 90 |
| 75 | 48 | 49 | 51 | 68 | 88 | 96 | 92 | 104 | 75 | 71 | 69 | 55 | 104 |
| 76 | 45 | 59 | 55 | 81 | 78 | 93 | 85 | 97 | 83 | 72 | 57 | 52 | 97 |
| 77 | 40 | 45 | 73 | 78 | 92 | 80 | 98 | 86 | 85 | 69 | 59 | 47 | 98 |
| 78 | 55 | 37 | 54 | 63 | 83 | 88 | 88 | 92 | 82 | 70 | 67 | 49 | 92 |
| 79 | 50 | 49 | 68 | 71 | 89 | 95 | 93 | 87 | 85 | 82 | 60 | 55 | 95 |
| 80 | 52 | 46 | 51 | 64 | 87 | 87 | 95 | 90 | 87 | 72 | 58 | 53 | 95 |
| 81 | 46 | | | | | | | | | | | | |
| MEAN | 47.8 | 47.9 | 56.1 | 69.4 | 81.1 | 88.3 | 90.1 | 88.7 | 84.2 | 74.5 | 62.2 | 51.8 | 92.6 |
| S.D. | 4.816 | 4.860 | 6.017 | 5.913 | 5.174 | 4.089 | 4.040 | 4.945 | 4.801 | 4.680 | 5.067 | 4.678 | 3.856 |
| TOTAL OBS | 924 | 820 | 899 | 870 | 899 | 870 | 898 | 899 | 870 | 899 | 870 | 899 | 10617 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-3 (OL A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

74592 BRUNSWICK NAS ME

52-81

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 52 | * -9 | 8 | 7 | 27 | 32 | 49 | 50 | 45 | 38 | 27 | 18 | 5 | * -9 |
| 53 | 7 | 3 | 3 | 28 | 34 | 41 | 50 | 47 | 33 | 28 | 20 | 2 | 2 |
| 54 | -10 | -8 | 16 | 13 | 38 | 43 | 50 | 46 | 40 | 31 | 23 | 6 | -10 |
| 55 | -5 | -13 | 7 | 26 | 36 | 46 | 54 | 48 | 37 | 28 | 19 | -10 | -13 |
| 56 | -8 | -8 | -2 | 25 | 31 | 42 | 48 | 48 | 35 | 27 | 15 | -4 | -8 |
| 57 | -22 | -2 | 14 | 23 | 32 | 43 | 50 | 44 | 37 | 25 | 12 | 9 | -22 |
| 58 | -1 | -11 | 19 | 24 | 30 | 40 | 51 | 48 | 38 | 25 | 10 | -8 | -11 |
| 59 | -6 | -13 | 9 | 26 | 33 | 45 | 52 | 44 | 35 | 24 | 13 | 5 | -13 |
| 60 | -10 | -2 | 4 | 22 | 32 | 44 | 52 | 48 | 38 | 24 | 17 | -3 | -10 |
| 61 | -18 | -10 | 6 | 30 | 34 | 41 | 50 | 48 | 36 | 27 | 23 | 4 | -18 |
| 62 | -8 | -16 | 4 | 20 | 31 | 44 | 45 | 48 | 33 | 25 | 17 | -6 | -16 |
| 63 | -5 | -13 | 10 | 25 | 32 | 42 | 50 | 47 | 32 | 29 | 23 | -14 | -13 |
| 64 | -12 | -6 | 9 | 14 | 33 | 44 | 48 | 44 | 35 | 27 | 12 | 0 | -12 |
| 65 | -13 | -12 | 11 | 18 | 32 | 44 | 42 | 37 | 28 | 26 | 17 | 0 | -13 |
| 66 | -8 | -15 | 14 | 24 | 28 | 40 | 50 | 49 | 33 | 18 | 19 | 4 | -15 |
| 67 | -7 | -18 | -5 | 21 | 30 | 40 | 52 | 47 | 35 | 31 | 10 | -1 | -18 |
| 68 | -16 | -9 | -3 | 23 | 30 | 44 | 49 | 44 | 38 | 29 | 13 | -9 | -16 |
| 69 | -10 | -10 | -3 | 15 | 33 | 40 | 50 | 46 | 36 | 21 | 13 | -2 | -10 |
| 70 | -14 | -7 | 12 | 17 | 39 | 41 | 51 | 50 | 41 | 23 | 16 | -12 | -14 |
| 71 | -24 | -25 | 10 | 20 | 33 | 42 | 49 | 46 | 36 | 35 | 14 | -5 | -25 |
| 72 | -12 | -20 | -10 | 23 | 30 | 37 | 48 | 48 | 36 | 19 | 5 | 1 | -20 |
| 73 | -16 | -13 | 8 | 23 | 31 | 41 | 52 | 47 | 31 | 26 | 14 | 1 | -16 |
| 74 | -21 | -1 | 4 | 25 | 30 | 39 | 52 | 47 | 30 | 17 | 13 | 0 | -21 |
| 75 | -12 | -13 | 3 | 14 | 33 | 40 | 49 | 47 | 33 | 24 | 24 | -19 | -13 |
| 76 | -23 | -1 | -1 | 16 | 29 | 37 | 45 | 41 | 35 | 21 | 16 | -10 | -23 |
| 77 | -13 | 0 | 18 | 17 | 34 | 45 | 43 | 44 | 36 | 20 | 18 | -9 | -13 |
| 78 | -3 | -7 | 4 | 20 | 29 | 45* | 45 | 44 | 33 | 23 | 8 | -5 | -7 |
| 79 | -9 | -7 | 10 | 27 | 33 | 40 | 50 | 46 | 33 | 26 | 21 | -5 | -9 |
| 80 | -9 | -3 | -2 | 26 | 33 | 37 | 52 | 54 | 31 | 27 | 9 | -21 | -9 |
| 81 | -22 | | | | | | | | | | | | -22 |
| MEAN | -11.4 | -8.7 | 6.1 | 21.8 | 32.2 | 41.9 | 49.4 | 46.3 | 34.9 | 25.3 | 15.6 | -3.7 | -14.7 |
| S. D. | 7.093 | 7.157 | 7.131 | 4.663 | 2.502 | 2.840 | 2.795 | 2.999 | 2.980 | 4.052 | 4.851 | 7.384 | 5.674 |
| TOTAL OBS | 921 | 820 | 899 | 870 | 899 | 870 | 898 | 899 | 870 | 899 | 870 | 899 | 10614 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

21

1

YEARS

JAN
MONTN

0000-0200

HOURS (L. S. T.)

USAFETAC 0-26-5 (OLA) FORM 0-26-5 (OLA) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JAN
MONTH

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0000-0200
NOV 5 11 51 AM '71

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| -1/-17 | | | | | | | | | | | | | | | | | | | | | 10 | |
| -1/-19 | | | | | | | | | | | | | | | | | | | | | 12 | |
| -10/-21 | | | | | | | | | | | | | | | | | | | | | 8 | |
| -2/-23 | | | | | | | | | | | | | | | | | | | | | 9 | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 11 | |
| -21/-27 | | | | | | | | | | | | | | | | | | | | | 6 | |
| -7/-29 | | | | | | | | | | | | | | | | | | | | | 5 | |
| -10/-31 | | | | | | | | | | | | | | | | | | | | | 4 | |
| TOTAL | 17.960 | 219.6 | 2.3 | | | | | | | | | | | | | | | | 912 | 915 | 912 | |

| Element (X) | Σ x ¹ | Σ x | x | °a | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------------|-------|------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 4496822 | 62258 | 68.3 | 16.458 | 912 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 447958 | 16416 | 17.9 | 12.957 | 915 | 8.9 | 80.2 | | | | | 93 |
| Wet Bulb | 383537 | 14821 | 16.3 | 12.515 | 912 | 10.4 | 82.2 | | | | | 93 |
| Dew Point | 298997 | 7961 | 8.7 | 15.872 | 912 | 26.7 | 86.4 | | | | | 93 |

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70,73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|------------|------|-------|-------|-----------|-------|-------|-------|------------|-------|-------|-------|----------|----------|----------|-----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 51 / 51 | | | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | |
| 50 / 49 | | .3 | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | |
| 49 / 47 | | .2 | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 5 | | | | | | | | | | | | | |
| 48 / 45 | | .1 | | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 2 | | | | | | | | | | | | |
| 47 / 43 | .3 | .5 | | | | | | | | | | | | | | | | | | 8 | 8 | 5 | 7 | | | | | | | | | | | | |
| 46 / 41 | | .7 | .1 | | | | | | | | | | | | | | | | | 7 | 7 | 8 | 7 | | | | | | | | | | | | |
| 45 / 39 | .1 | .1 | .5 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 2 | 6 | | | | | | | | | | | | |
| 44 / 37 | .3 | 1.5 | .8 | .1 | | | | | | | | | | | | | | | | 25 | 25 | 12 | 5 | | | | | | | | | | | | |
| 43 / 35 | .9 | 2.2 | .5 | .2 | | | | | | | | | | | | | | | | 35 | 35 | 26 | 11 | | | | | | | | | | | | |
| 42 / 33 | .8 | 1.8 | .1 | .2 | | | | | | | | | | | | | | | | 27 | 27 | 40 | 23 | | | | | | | | | | | | |
| 41 / 31 | .4 | 1.5 | 1.2 | .5 | | | | | | | | | | | | | | | | 34 | 34 | 25 | 32 | | | | | | | | | | | | |
| 40 / 29 | .1 | 1.0 | 2.3 | .4 | | | | | | | | | | | | | | | | 35 | 35 | 16 | 16 | | | | | | | | | | | | |
| 39 / 27 | .1 | 2.2 | 1.1 | .1 | | | | | | | | | | | | | | | | 32 | 32 | 29 | 17 | | | | | | | | | | | | |
| 38 / 25 | .8 | 2.2 | 1.2 | | | | | | | | | | | | | | | | | 38 | 38 | 51 | 22 | | | | | | | | | | | | |
| 37 / 23 | .3 | 1.5 | .7 | | | | | | | | | | | | | | | | | 23 | 23 | 39 | 12 | | | | | | | | | | | | |
| 36 / 21 | .9 | 2.5 | 1.2 | .2 | | | | | | | | | | | | | | | | 44 | 44 | 25 | 23 | | | | | | | | | | | | |
| 35 / 19 | 1.4 | 5.3 | 2.1 | .2 | | | | | | | | | | | | | | | | 83 | 83 | 58 | 38 | | | | | | | | | | | | |
| 34 / 17 | .5 | 3.5 | 1.3 | | | | | | | | | | | | | | | | | 49 | 49 | 64 | 42 | | | | | | | | | | | | |
| 33 / 15 | .8 | 5.1 | 1.1 | | | | | | | | | | | | | | | | | 64 | 64 | 55 | 30 | | | | | | | | | | | | |
| 32 / 13 | .8 | 4.3 | .5 | | | | | | | | | | | | | | | | | 52 | 52 | 64 | 58 | | | | | | | | | | | | |
| 31 / 11 | .4 | 3.7 | .8 | | | | | | | | | | | | | | | | | 45 | 45 | 50 | 38 | | | | | | | | | | | | |
| 30 / 9 | .5 | 4.8 | .4 | | | | | | | | | | | | | | | | | 53 | 53 | 46 | 38 | | | | | | | | | | | | |
| 29 / 7 | .4 | 3.6 | | | | | | | | | | | | | | | | | | 37 | 37 | 59 | 56 | | | | | | | | | | | | |
| 28 / 5 | 1.7 | 3.3 | | | | | | | | | | | | | | | | | | 46 | 46 | 48 | 39 | | | | | | | | | | | | |
| 27 / 3 | .8 | 2.4 | | | | | | | | | | | | | | | | | | 29 | 29 | 41 | 56 | | | | | | | | | | | | |
| 26 / 1 | .9 | 1.3 | | | | | | | | | | | | | | | | | | 20 | 20 | 20 | 49 | | | | | | | | | | | | |
| 25 / -1 | 2.6 | 1.4 | | | | | | | | | | | | | | | | | | 37 | 37 | 37 | 31 | | | | | | | | | | | | |
| 24 / -3 | .7 | 1.2 | | | | | | | | | | | | | | | | | | 17 | 17 | 22 | 33 | | | | | | | | | | | | |
| 23 / -5 | .7 | .8 | | | | | | | | | | | | | | | | | | 13 | 13 | 15 | 32 | | | | | | | | | | | | |
| 22 / -7 | .8 | .3 | | | | | | | | | | | | | | | | | | 10 | 10 | 14 | 32 | | | | | | | | | | | | |
| 21 / -9 | 1.5 | | | | | | | | | | | | | | | | | | | 14 | 14 | 14 | 38 | | | | | | | | | | | | |
| 20 / -11 | .7 | | | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 20 | | | | | | | | | | | | |
| 19 / -13 | 1.0 | | | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 15 | | | | | | | | | | | | |
| 18 / -15 | .7 | | | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 17 | | | | | | | | | | | | |
| Element (X) | Σx^2 | | | | Σx | | | | \bar{x} | | | | σ_x | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 47 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OLA) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

0300-0500

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|-------|--|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| -1/-17 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 16 | | | | | |
| -1/-19 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 8 | | | | | |
| -1/-21 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | |
| -2/-23 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | |
| -2/-27 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | |
| -2/-29 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | |
| -1/-31 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| -2/-33 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| TOTAL | 22.3 | 59.3 | 16.1 | 2.3 | | | | | | | | | | | | | | | 920 | 920 | 920 | | | | | |
| | | | | | | | | | | | | | | | | | | | 920 | 920 | 920 | | | | | |
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USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70,73-80

JAN

STATION

STATION NAME

YEARS

PAGE 1

0600-0800

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|--------|--------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 5 / 49 | .1 | .1 | .2 | | | | | | | | | | | | | | | 4 | 4 | 1 | 1 | | | | | | | | | | | |
| 4 / 47 | .1 | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 4 | 2 | | | | | | | | | | | |
| 4 / 45 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 2 | 3 | | | | | | | | | | | |
| 4 / 43 | | .5 | .1 | | | | | | | | | | | | | | | 6 | 6 | 5 | | | | | | | | | | | | |
| 4 / 41 | .1 | .4 | | .1 | | | | | | | | | | | | | | 6 | 7 | 4 | 7 | | | | | | | | | | | |
| 4 / 39 | .3 | .8 | | .1 | | | | | | | | | | | | | | 11 | 11 | 12 | 6 | | | | | | | | | | | |
| 3 / 37 | .5 | 1.1 | .5 | .1 | | | | | | | | | | | | | | 21 | 21 | 10 | 11 | | | | | | | | | | | |
| 3 / 35 | 1.1 | 1.2 | .4 | .5 | | | | | | | | | | | | | | 30 | 30 | 20 | 17 | | | | | | | | | | | |
| 3 / 33 | .5 | 1.9 | .4 | .1 | | | | | | | | | | | | | | 27 | 27 | 30 | 12 | | | | | | | | | | | |
| 2 / 31 | .8 | 1.5 | 1.5 | .2 | | | | | | | | | | | | | | 37 | 37 | 28 | 28 | | | | | | | | | | | |
| 2 / 29 | .8 | 1.2 | 1.0 | | | | | | | | | | | | | | | 27 | 27 | 28 | 20 | | | | | | | | | | | |
| 2 / 27 | | 2.1 | .7 | .4 | | | | | | | | | | | | | | 29 | 29 | 24 | 14 | | | | | | | | | | | |
| 2 / 25 | .2 | 1.0 | 1.6 | .1 | | | | | | | | | | | | | | 27 | 27 | 31 | 15 | | | | | | | | | | | |
| 2 / 23 | 1.1 | 2.4 | 1.0 | | | | | | | | | | | | | | | 40 | 40 | 35 | 17 | | | | | | | | | | | |
| 2 / 21 | .7 | 2.4 | .8 | | | | | | | | | | | | | | | 35 | 35 | 44 | 20 | | | | | | | | | | | |
| 2 / 19 | 1.3 | 3.8 | .8 | .1 | | | | | | | | | | | | | | 55 | 55 | 47 | | | | | | | | | | | | |
| 1 / 17 | 1.6 | 3.3 | 1.6 | | | | | | | | | | | | | | | 60 | 60 | 51 | 39 | | | | | | | | | | | |
| 1 / 15 | 1.1 | 4.6 | 1.0 | | | | | | | | | | | | | | | 61 | 61 | 47 | 37 | | | | | | | | | | | |
| 1 / 13 | .4 | 4.6 | .5 | | | | | | | | | | | | | | | 51 | 51 | 62 | 54 | | | | | | | | | | | |
| 12 / 11 | .9 | 4.7 | .7 | | | | | | | | | | | | | | | 57 | 57 | 54 | 30 | | | | | | | | | | | |
| 1 / 9 | .8 | 4.2 | .2 | | | | | | | | | | | | | | | 47 | 47 | 60 | 41 | | | | | | | | | | | |
| 1 / 7 | .7 | 4.5 | | | | | | | | | | | | | | | | 47 | 47 | 55 | 44 | | | | | | | | | | | |
| 1 / 5 | .9 | 3.8 | | | | | | | | | | | | | | | | 35 | 35 | 46 | 42 | | | | | | | | | | | |
| 1 / 3 | .7 | 2.9 | | | | | | | | | | | | | | | | 32 | 32 | 37 | 52 | | | | | | | | | | | |
| 1 / 1 | .3 | 1.8 | | | | | | | | | | | | | | | | 23 | 23 | 26 | 39 | | | | | | | | | | | |
| 1 / -1 | 2.7 | .8 | | | | | | | | | | | | | | | | 32 | 32 | 38 | 30 | | | | | | | | | | | |
| 1 / -3 | 2.0 | 1.4 | | | | | | | | | | | | | | | | 31 | 31 | 27 | 45 | | | | | | | | | | | |
| 1 / -5 | .7 | 1.3 | | | | | | | | | | | | | | | | 18 | 18 | 25 | 33 | | | | | | | | | | | |
| 1 / -7 | 1.3 | | | | | | | | | | | | | | | | | 12 | 12 | 14 | 42 | | | | | | | | | | | |
| 1 / -9 | 1.5 | | | | | | | | | | | | | | | | | 14 | 14 | 14 | 44 | | | | | | | | | | | |
| 1 / -11 | 1.0 | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 21 | | | | | | | | | | | |
| 1 / -13 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 16 | | | | | | | | | | | |
| 1 / -15 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 16 | | | | | | | | | | | |
| 1 / -17 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 16 | | | | | | | | | | | |
| Element (X) | ΣX' | | | ΣX | | | ̄X | σ _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BRUNSWICK NAS, MAINE. REVISED UNIFORM SUMMARY OF SURFACE WEATHE--ETC (11)
JUN 82

USAFETAC/DS-82/032

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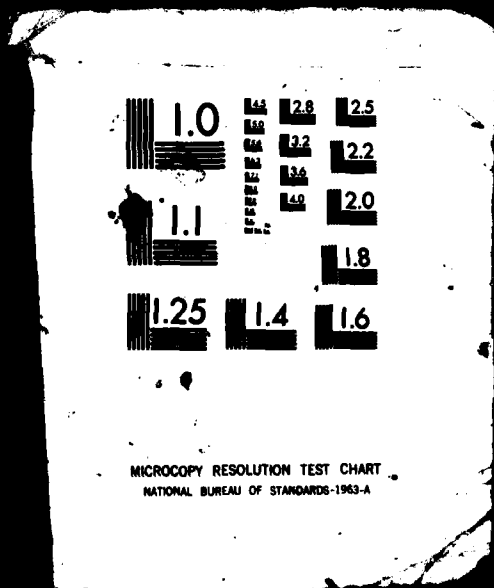
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PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET-BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|----------------|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 56/ 55 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 54/ 53 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 | | | | | | | | | | | |
| 52/ 51 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 2 | | | | | | | | | | | |
| 50/ 49 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 1 | 1 | | | | | | | | | | | |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 1 | | | | | | | | | | | |
| 46/ 45 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | | 2 | | | | | | | | | | | |
| 44/ 43 | .1 | .4 | | | .1 | | | | | | | | | | | | | 6 | 6 | 2 | 1 | | | | | | | | | | | |
| 42/ 41 | .4 | 1.4 | .7 | .2 | .1 | | | | | | | | | | | | | 26 | 26 | 18 | 8 | | | | | | | | | | | |
| 40/ 39 | .5 | 1.2 | .8 | .5 | .1 | | | | | | | | | | | | | 29 | 29 | 15 | 18 | | | | | | | | | | | |
| 38/ 37 | .5 | 1.4 | .7 | .5 | .3 | | | | | | | | | | | | | 32 | 32 | 22 | 9 | | | | | | | | | | | |
| 36/ 35 | .4 | .9 | .9 | .7 | .1 | | | | | | | | | | | | | 27 | 28 | 25 | 18 | | | | | | | | | | | |
| 34/ 33 | | 2.0 | 1.3 | .7 | .1 | | | | | | | | | | | | | 37 | 37 | 27 | 13 | | | | | | | | | | | |
| 32/ 31 | .3 | 1.0 | 1.0 | .9 | .1 | | | | | | | | | | | | | 30 | 30 | 33 | 25 | | | | | | | | | | | |
| 30/ 29 | .2 | .9 | 1.2 | 1.0 | | | | | | | | | | | | | | 30 | 30 | 30 | 19 | | | | | | | | | | | |
| 28/ 27 | 1.0 | 2.0 | 2.5 | .8 | | | | | | | | | | | | | | 57 | 57 | 38 | 17 | | | | | | | | | | | |
| 26/ 25 | .8 | 2.2 | 3.6 | .2 | | | | | | | | | | | | | | 62 | 62 | 44 | 30 | | | | | | | | | | | |
| 24/ 23 | 1.0 | 2.2 | 2.4 | .3 | | | | | | | | | | | | | | 54 | 54 | 72 | 29 | | | | | | | | | | | |
| 22/ 21 | .9 | 1.7 | 3.1 | .7 | | | | | | | | | | | | | | 58 | 58 | 63 | 33 | | | | | | | | | | | |
| 20/ 19 | .9 | 3.0 | 3.4 | .2 | | | | | | | | | | | | | | 68 | 68 | 56 | 41 | | | | | | | | | | | |
| 18/ 17 | .3 | 3.7 | 2.3 | .1 | | | | | | | | | | | | | | 59 | 60 | 62 | 21 | | | | | | | | | | | |
| 16/ 15 | .4 | 4.4 | 1.9 | | | | | | | | | | | | | | | 61 | 61 | 67 | 55 | | | | | | | | | | | |
| 14/ 13 | .3 | 3.4 | 1.7 | | | | | | | | | | | | | | | 50 | 51 | 59 | 48 | | | | | | | | | | | |
| 12/ 11 | .4 | 2.5 | 1.9 | | | | | | | | | | | | | | | 44 | 45 | 52 | 55 | | | | | | | | | | | |
| 10/ 9 | .8 | 2.2 | .7 | | | | | | | | | | | | | | | 33 | 33 | 43 | 55 | | | | | | | | | | | |
| 8/ 7 | .2 | 3.3 | .2 | | | | | | | | | | | | | | | 34 | 34 | 42 | 41 | | | | | | | | | | | |
| 6/ 5 | .4 | 2.8 | | | | | | | | | | | | | | | | 30 | 30 | 37 | 53 | | | | | | | | | | | |
| 4/ 3 | 1.0 | 1.4 | | | | | | | | | | | | | | | | 22 | 22 | 34 | 43 | | | | | | | | | | | |
| 2/ 1 | .2 | 1.0 | | | | | | | | | | | | | | | | 11 | 11 | 16 | 43 | | | | | | | | | | | |
| 0/ -1 | .9 | .7 | | | | | | | | | | | | | | | | 14 | 14 | 15 | 28 | | | | | | | | | | | |
| -2/ -3 | .2 | .5 | | | | | | | | | | | | | | | | 7 | 7 | 11 | 36 | | | | | | | | | | | |
| -4/ -5 | .8 | .8 | | | | | | | | | | | | | | | | 14 | 14 | 12 | 24 | | | | | | | | | | | |
| -6/ -7 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 21 | | | | | | | | | | | |
| -8/ -9 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 31 | | | | | | | | | | | |
| -10/-11 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 26 | | | | | | | | | | | |
| Element (K) | Σ ₁ | | Σ ₂ | | Σ | | ° ₂ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 6 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 88 F | | ≤ 95 F | | Total | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 12-64 0-26-5 (OL A) REPRODUCED BY THE ARMY AIR FORCE
USAFETAC

PSYCHROMETRIC SUMMARY

WYOMING

PAGE 2 0900-1100
(L. J. J.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| -12/-13 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 10 | |
| -14/-15 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 10 | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 6 | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 10 | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 11 | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 5 | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 2 | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 3 | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 2 | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 14.2 | 7.0 | 30.3 | 6.8 | 1.0 | | | | | | | | | | | | | 915 | 919 | 915 | 915 | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------|-------|------------------------------------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--------|--------|--------|--------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | |
| 52/ 51 | .1 | .2 | .1 | | | | | | | | | | | | | | | 4 | 4 | 1 | 1 | | | | | | |
| 50/ 49 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 2 | 2 | | | | | | |
| 48/ 47 | .1 | .4 | | .4 | .1 | | | | | | | | | | | | | 10 | 10 | 4 | 1 | | | | | | |
| 46/ 45 | | .1 | .2 | .3 | .3 | | | | | | | | | | | | | 9 | 9 | 6 | 5 | | | | | | |
| 44/ 43 | .1 | .8 | 1.2 | .2 | .7 | | | | | | | | | | | | | 27 | 27 | 9 | 4 | | | | | | |
| 42/ 41 | .2 | .9 | .9 | .8 | .2 | | | | | | | | | | | | | 27 | 27 | 16 | 9 | | | | | | |
| 40/ 39 | .1 | 1.2 | .7 | 1.0 | .1 | | | | | | | | | | | | | 28 | 28 | 25 | 9 | | | | | | |
| 38/ 37 | | 2.1 | 1.3 | .9 | | | | | | | | | | | | | | 39 | 39 | 20 | 11 | | | | | | |
| 36/ 35 | .2 | 1.1 | .8 | 1.3 | 1.1 | | | | | | | | | | | | | 41 | 41 | 46 | 23 | | | | | | |
| 34/ 33 | .4 | 1.2 | 1.2 | 1.9 | 1.1 | | | | | | | | | | | | | 53 | 53 | 31 | 28 | | | | | | |
| 32/ 31 | .1 | 1.4 | 1.4 | 3.0 | .7 | | | | | | | | | | | | | 60 | 60 | 28 | 23 | | | | | | |
| 30/ 29 | .2 | 1.0 | 2.6 | 2.0 | .2 | | | | | | | | | | | | | 65 | 65 | 44 | 24 | | | | | | |
| 28/ 27 | .8 | 2.9 | 2.3 | 2.0 | .4 | | | | | | | | | | | | | 76 | 76 | 66 | 23 | | | | | | |
| 26/ 25 | .2 | 1.9 | 4.2 | 1.5 | | | | | | | | | | | | | | 71 | 71 | 62 | 36 | | | | | | |
| 24/ 23 | .3 | 1.7 | 2.8 | 1.2 | | | | | | | | | | | | | | 54 | 54 | 73 | 19 | | | | | | |
| 22/ 21 | .1 | 2.1 | 3.4 | 1.3 | | | | | | | | | | | | | | 63 | 64 | 68 | 32 | | | | | | |
| 20/ 19 | .2 | 2.2 | 3.7 | .9 | | | | | | | | | | | | | | 64 | 64 | 75 | 42 | | | | | | |
| 18/ 17 | .2 | 1.1 | 2.2 | .4 | | | | | | | | | | | | | | 36 | 36 | 55 | 44 | | | | | | |
| 16/ 15 | .4 | 2.4 | 2.9 | | | | | | | | | | | | | | | 52 | 52 | 57 | 55 | | | | | | |
| 14/ 13 | .2 | 1.5 | 2.8 | | | | | | | | | | | | | | | 41 | 41 | 48 | 64 | | | | | | |
| 12/ 11 | .1 | .9 | 1.4 | | | | | | | | | | | | | | | 22 | 22 | 43 | 52 | | | | | | |
| 10/ 9 | .3 | 1.3 | 1.7 | | | | | | | | | | | | | | | 30 | 30 | 33 | 58 | | | | | | |
| 8/ 7 | | .9 | | | | | | | | | | | | | | | | 16 | 16 | 25 | 50 | | | | | | |
| 6/ 5 | .3 | 1.2 | | | | | | | | | | | | | | | | 14 | 14 | 27 | 36 | | | | | | |
| 4/ 3 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 11 | 32 | | | | | | |
| 2/ 1 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 8 | 33 | | | | | | |
| 0/ -1 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 36 | | | | | | |
| -2/ -3 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 23 | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 28 | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 21 | | | | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | |
| -12/ -13 | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | |
| -14/ -15 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | |
| Element (K) | Σ H' | | Σ H | | Σ | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | ≤ 0 F | | | | | | | | | | | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 90 F | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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FORM 10-65 (OL AJ) PREPARED BY AIR WEATHER SERVICE OF THE AIR FORCE

USAFETAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK HAS ME

69-70, 73-80



PAGE 2 ~~1200-1400~~

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70.73-00
YEAR

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|----------------|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | | Dry Bulb | Wet Bulb | Dew Point |
| 60/ 59 | | | | | .1 | | .1 | | | | | | | | | | | 2 | 2 | | |
| 56/ 55 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | |
| 50/ 49 | | .1 | | .1 | .1 | | | | | | | | | | | | | 3 | 3 | 1 | |
| 48/ 47 | | .4 | .1 | .1 | | .2 | | | | | | | | | | | | 8 | 8 | 4 | |
| 46/ 45 | | .9 | .3 | .3 | .3 | .1 | | | | | | | | | | | | 18 | 18 | 7 | |
| 44/ 43 | .2 | .1 | 1.3 | .2 | .2 | | | | | | | | | | | | | 19 | 19 | 9 | |
| 42/ 41 | | .1 | .8 | 1.1 | .4 | .1 | | | | | | | | | | | | 23 | 23 | 9 | |
| 40/ 39 | .5 | 1.4 | .5 | 1.1 | .3 | | | | | | | | | | | | | 36 | 36 | 20 | |
| 38/ 37 | .2 | 1.6 | .7 | .8 | .1 | .1 | | | | | | | | | | | | 32 | 32 | 30 | |
| 36/ 35 | .5 | 1.0 | .5 | .9 | .9 | | | | | | | | | | | | | 35 | 35 | 42 | |
| 34/ 33 | .5 | 1.5 | 1.1 | 1.6 | .8 | | | | | | | | | | | | | 51 | 51 | 33 | |
| 32/ 31 | .5 | 2.2 | 2.3 | 2.0 | 1.0 | | | | | | | | | | | | | 73 | 73 | 35 | |
| 30/ 29 | .3 | .9 | 2.0 | 2.1 | .3 | | | | | | | | | | | | | 51 | 51 | 51 | |
| 28/ 27 | .4 | 1.8 | 3.9 | 2.2 | .1 | | | | | | | | | | | | | 77 | 77 | 60 | |
| 26/ 25 | .1 | 1.0 | 4.5 | 1.0 | | | | | | | | | | | | | | 60 | 60 | 68 | |
| 24/ 23 | | 1.6 | 3.2 | 2.2 | .1 | | | | | | | | | | | | | 65 | 65 | 77 | |
| 22/ 21 | | 2.4 | 2.6 | 1.2 | | | | | | | | | | | | | | 57 | 57 | 76 | |
| 20/ 19 | | 3.1 | 3.4 | .8 | | | | | | | | | | | | | | 66 | 68 | 74 | |
| 18/ 17 | | 1.1 | 3.4 | .3 | | | | | | | | | | | | | | 44 | 45 | 53 | |
| 16/ 15 | .4 | 2.3 | 3.3 | | | | | | | | | | | | | | | 55 | 55 | 61 | |
| 14/ 13 | .3 | 1.0 | 2.1 | | | | | | | | | | | | | | | 51 | 51 | 57 | |
| 12/ 11 | .4 | 1.4 | 1.8 | | | | | | | | | | | | | | | 33 | 33 | 39 | |
| 10/ 9 | | 1.0 | .9 | | | | | | | | | | | | | | | 17 | 17 | 39 | |
| 8/ 7 | | 1.3 | 1.0 | | | | | | | | | | | | | | | 21 | 21 | 15 | |
| 6/ 5 | .3 | 2.0 | | | | | | | | | | | | | | | | 21 | 21 | 29 | |
| 4/ 3 | | .8 | | | | | | | | | | | | | | | | 7 | 7 | 19 | |
| 2/ 1 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 7 | |
| 0/ -1 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 3 | |
| -2/ -3 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | 1 | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ _h | | Σ _h | | Σ | | Σ _h | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 60 F | | ≤ 70 F | | ≤ 80 F | | ≤ 90 F | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

FORM 0-20-5 (OL A) PREPARED BY THE AIR FORCE AND NAVY

USAFETAC

PSYCHROMETRIC SUMMARY

69-70,73-80

PAGE 2 1500-1700

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|----------------|------------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|------|-----------|----------|----------|------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.S./V.S. | Dry Bulb | Wet Bulb | Show Point | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 11 | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 12 | | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| TOTAL | 5.0 | 31.7 | 39.7 | 18.0 | 4.8 | .7 | .1 | | | | | | | | | | | | 912 | 915 | 912 | | | |
| Total (K) | S _N ² | | | S _X | Z | C _A | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | Total | | | | | |
| Ref. Num. | 3437073 | | | 53118 | 58,219,433 | | 912 | ≤ 0 F | ≥ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | | | |
| Dry Bulb | 694227 | | | 23317 | 25,850,462 | | 915 | .4 | 69.8 | | | | | | | | | | | | | | | |
| Wet Bulb | 502931 | | | 20365 | 22,210,835 | | 912 | .6 | 77.1 | | | | | | | | | | | | | | | |
| Show Point | 223782 | | | 18713 | 11,010,723 | | 912 | 28.4 | 84.2 | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME
STATION STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|------|----------|----------|-----------|----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 52/ 51 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | | | | | | |
| 50/ 49 | | .2 | | | .1 | | | | | | | | | | | | | 3 | 3 | | | | | | |
| 46/ 47 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 2 | | | | | |
| 46/ 45 | .3 | .9 | .2 | .1 | | | | | | | | | | | | | | 14 | 14 | 6 | 7 | | | | |
| 44/ 43 | .1 | .1 | .3 | .4 | | | | | | | | | | | | | | 9 | 9 | 11 | 3 | | | | |
| 42/ 41 | | .3 | .1 | .2 | .3 | | | | | | | | | | | | | 9 | 9 | 4 | 5 | | | | |
| 40/ 39 | .5 | 1.1 | .5 | .8 | .1 | | | | | | | | | | | | | 28 | 28 | 18 | 8 | | | | |
| 38/ 37 | .3 | 2.3 | .7 | 1.1 | | | | | | | | | | | | | | 40 | 40 | 20 | 9 | | | | |
| 36/ 35 | .2 | 1.6 | 1.3 | .3 | .1 | | | | | | | | | | | | | 33 | 33 | 30 | 21 | | | | |
| 34/ 33 | .4 | .7 | .9 | .3 | | | | | | | | | | | | | | 21 | 21 | 38 | 28 | | | | |
| 32/ 31 | 1.1 | 2.2 | 2.8 | 1.0 | | | | | | | | | | | | | | 65 | 65 | 36 | 26 | | | | |
| 30/ 29 | .4 | 1.1 | 2.5 | .5 | .1 | | | | | | | | | | | | | 43 | 43 | 31 | 23 | | | | |
| 28/ 27 | .4 | 1.4 | 1.5 | .8 | .3 | | | | | | | | | | | | | 41 | 41 | 52 | 25 | | | | |
| 26/ 25 | .4 | 1.3 | 2.8 | .3 | | | | | | | | | | | | | | 45 | 45 | 40 | 28 | | | | |
| 24/ 23 | .2 | 1.4 | 2.4 | .7 | | | | | | | | | | | | | | 43 | 43 | 42 | 28 | | | | |
| 22/ 21 | .5 | 3.3 | 4.0 | .3 | | | | | | | | | | | | | | 75 | 75 | 65 | 17 | | | | |
| 20/ 19 | .4 | 4.6 | 3.6 | .2 | | | | | | | | | | | | | | 81 | 81 | 69 | 45 | | | | |
| 18/ 17 | .2 | 3.0 | 3.8 | | | | | | | | | | | | | | | 64 | 64 | 78 | 32 | | | | |
| 16/ 15 | .1 | 2.5 | 2.6 | | | | | | | | | | | | | | | 48 | 48 | 55 | 45 | | | | |
| 14/ 13 | .2 | 2.3 | 2.3 | | | | | | | | | | | | | | | 44 | 44 | 51 | 45 | | | | |
| 12/ 11 | .4 | 2.8 | 2.2 | | | | | | | | | | | | | | | 50 | 50 | 52 | 58 | | | | |
| 10/ 9 | .2 | 2.4 | .9 | | | | | | | | | | | | | | | 32 | 32 | 58 | 80 | | | | |
| 8/ 7 | .2 | 2.6 | .4 | | | | | | | | | | | | | | | 30 | 30 | 35 | 34 | | | | |
| 6/ 5 | .3 | 2.7 | | | | | | | | | | | | | | | | 28 | 28 | 36 | 38 | | | | |
| 4/ 3 | | 2.1 | | | | | | | | | | | | | | | | 19 | 19 | 29 | 59 | | | | |
| 2/ 1 | | 1.3 | | | | | | | | | | | | | | | | 12 | 12 | 14 | 41 | | | | |
| 0/ -1 | .7 | .9 | | | | | | | | | | | | | | | | 14 | 14 | 20 | 27 | | | | |
| -2/ -3 | .2 | 1.1 | | | | | | | | | | | | | | | | 12 | 12 | 11 | 28 | | | | |
| -4/ -5 | .1 | .3 | | | | | | | | | | | | | | | | 4 | 4 | 8 | 39 | | | | |
| -6/ -7 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 38 | | | | |
| -8/ -9 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 26 | | | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 18 | | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 13 | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 8 | | | | |
| Element (X) | Σ X ² | | Σ X | | X | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | Total | | |
| Rel. Hum. | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-3 (OL A) REPRODUCED BY PERMISSION OF THE PENTAGON

USAFETAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80

YEARS

JAN
MONTH

PAGE 2 1000-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 59 / 59 | | | | | .0 | | .0 | | | | | | | | | | | 2 | 2 | | | |
| 58 / 55 | | .0 | | | | .0 | | | | | | | | | | | | 2 | 2 | | | |
| 54 / 53 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 | |
| 52 / 51 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | | | | 10 | 10 | 4 | 3 | |
| 51 / 49 | .0 | .2 | .1 | .0 | .0 | | | | | | | | | | | | | 24 | 24 | 6 | 5 | |
| 48 / 47 | .0 | .3 | .1 | .1 | .0 | .0 | | | | | | | | | | | | 36 | 36 | 25 | 6 | |
| 46 / 45 | .1 | .4 | .2 | .1 | .1 | .0 | | | | | | | | | | | | 62 | 62 | 40 | 27 | |
| 44 / 43 | .1 | .4 | .4 | .1 | .1 | | | | | | | | | | | | | 88 | 88 | 54 | 40 | |
| 42 / 41 | .1 | .6 | .3 | .3 | .1 | .0 | | | | | | | | | | | | 115 | 117 | 68 | 45 | |
| 41 / 39 | .4 | .9 | .6 | .5 | .1 | | | | | | | | | | | | | 175 | 175 | 112 | 66 | |
| 38 / 37 | .3 | 1.7 | .7 | .5 | .1 | .0 | | | | | | | | | | | | 242 | 242 | 134 | 78 | |
| 36 / 35 | .6 | 1.4 | .7 | .5 | .3 | | | | | | | | | | | | | 259 | 260 | 262 | 150 | |
| 34 / 33 | .5 | 1.6 | .8 | .6 | .2 | | | | | | | | | | | | | 276 | 276 | 256 | 170 | |
| 32 / 31 | .5 | 1.8 | 1.8 | 1.0 | .2 | | | | | | | | | | | | | 391 | 391 | 243 | 214 | |
| 31 / 29 | .4 | 1.2 | 1.9 | .9 | .1 | | | | | | | | | | | | | 332 | 333 | 269 | 162 | |
| 29 / 27 | .4 | 2.0 | 1.8 | .8 | .1 | | | | | | | | | | | | | 376 | 376 | 339 | 185 | |
| 28 / 25 | .4 | 1.6 | 2.7 | .5 | | | | | | | | | | | | | | 383 | 384 | 400 | 195 | |
| 24 / 23 | .5 | 1.9 | 1.9 | .6 | .0 | | | | | | | | | | | | | 351 | 352 | 415 | 159 | |
| 22 / 21 | .6 | 2.4 | 2.4 | .5 | | | | | | | | | | | | | | 434 | 435 | 435 | 232 | |
| 20 / 19 | .7 | 4.1 | 2.9 | .3 | | | | | | | | | | | | | | 585 | 587 | 488 | 307 | |
| 18 / 17 | .5 | 2.8 | 2.1 | .1 | | | | | | | | | | | | | | 404 | 406 | 501 | 272 | |
| 16 / 15 | .6 | 3.9 | 1.9 | | | | | | | | | | | | | | | 468 | 468 | 466 | 359 | |
| 14 / 13 | .4 | 3.2 | 1.6 | | | | | | | | | | | | | | | 380 | 382 | 452 | 430 | |
| 12 / 11 | .6 | 2.8 | 1.3 | | | | | | | | | | | | | | | 340 | 342 | 405 | 400 | |
| 10 / 9 | .4 | 2.9 | .7 | | | | | | | | | | | | | | | 296 | 296 | 375 | 396 | |
| 8 / 7 | .3 | 2.9 | .4 | | | | | | | | | | | | | | | 258 | 258 | 321 | 372 | |
| 6 / 5 | .7 | 2.5 | | | | | | | | | | | | | | | | 234 | 235 | 296 | 339 | |
| 4 / 3 | .4 | 2.0 | | | | | | | | | | | | | | | | 176 | 176 | 232 | 374 | |
| 2 / 1 | .3 | 1.2 | | | | | | | | | | | | | | | | 114 | 114 | 150 | 328 | |
| 0 / -1 | 1.1 | .8 | | | | | | | | | | | | | | | | 136 | 136 | 161 | 227 | |
| -2 / -3 | .6 | .8 | | | | | | | | | | | | | | | | 102 | 102 | 110 | 235 | |
| -4 / -5 | .5 | .6 | | | | | | | | | | | | | | | | 79 | 79 | 93 | 256 | |
| -6 / -7 | .6 | .1 | | | | | | | | | | | | | | | | 51 | 51 | 69 | 238 | |
| -8 / -9 | .6 | | | | | | | | | | | | | | | | | 43 | 43 | 43 | 226 | |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC
FORM 0-26-5 (OL A)
REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FEB
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FED

YEARS

0300-0500

HONORABLE L. B. W.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 46/ 45 | | .6 | | | | | | | | | | | | | | | | 5 | 5 | 2 | | | | |
| 44/ 43 | | 1.1 | | | | | | | | | | | | | | | | 9 | 9 | 7 | | | | |
| 42/ 41 | | .5 | | | | | | | | | | | | | | | | 4 | 4 | 7 | | | | |
| 40/ 39 | | .5 | | | | | | | | | | | | | | | | 4 | 4 | 7 | | | | |
| 38/ 37 | | .7 | .8 | .7 | | | | | | | | | | | | | | 19 | 19 | 6 | | | | |
| 36/ 35 | .5 | 1.3 | .7 | | | | | | | | | | | | | | | 21 | 21 | 15 | | | | |
| 34/ 33 | .5 | 1.8 | 1.3 | .4 | | | | | | | | | | | | | | 33 | 33 | 20 | | | | |
| 32/ 31 | .1 | 1.4 | 1.6 | | | | | | | | | | | | | | | 26 | 26 | 33 | | | | |
| 30/ 29 | .6 | 2.2 | 1.2 | .4 | | | | | | | | | | | | | | 36 | 36 | 28 | | | | |
| 28/ 27 | .4 | 4.2 | .8 | .1 | | | | | | | | | | | | | | 46 | 46 | 42 | | | | |
| 26/ 25 | .6 | 2.7 | 1.1 | .2 | | | | | | | | | | | | | | 38 | 38 | 47 | | | | |
| 24/ 23 | 1.1 | 3.1 | .6 | .2 | | | | | | | | | | | | | | 42 | 42 | 34 | | | | |
| 22/ 21 | .4 | 4.6 | 1.4 | | | | | | | | | | | | | | | 53 | 53 | 53 | | | | |
| 20/ 19 | .2 | 3.5 | 2.3 | | | | | | | | | | | | | | | 50 | 50 | 48 | | | | |
| 18/ 17 | .5 | 2.7 | 1.7 | | | | | | | | | | | | | | | 40 | 40 | 42 | | | | |
| 16/ 15 | | 3.7 | 1.8 | | | | | | | | | | | | | | | 46 | 46 | 40 | | | | |
| 14/ 13 | .6 | 2.8 | .6 | | | | | | | | | | | | | | | 33 | 33 | 48 | | | | |
| 12/ 11 | .4 | 3.4 | .8 | | | | | | | | | | | | | | | 38 | 38 | 36 | | | | |
| 10/ 9 | .8 | 6.1 | .5 | | | | | | | | | | | | | | | 62 | 62 | 48 | | | | |
| 8/ 7 | .5 | 4.0 | | | | | | | | | | | | | | | | 37 | 37 | 63 | | | | |
| 6/ 5 | .2 | 4.2 | | | | | | | | | | | | | | | | 37 | 37 | 34 | | | | |
| 4/ 3 | .8 | 4.6 | | | | | | | | | | | | | | | | 45 | 45 | 51 | | | | |
| 2/ 1 | .6 | 3.0 | | | | | | | | | | | | | | | | 30 | 30 | 39 | | | | |
| 0/ -1 | 1.0 | 1.6 | | | | | | | | | | | | | | | | 21 | 21 | 24 | | | | |
| -2/ -3 | .7 | 2.2 | | | | | | | | | | | | | | | | 24 | 24 | 21 | | | | |
| -4/ -5 | .6 | 1.3 | | | | | | | | | | | | | | | | 16 | 16 | 20 | | | | |
| -6/ -7 | .4 | .4 | | | | | | | | | | | | | | | | 6 | 6 | 14 | | | | |
| -8/ -9 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | | | | |
| -10/-11 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | | | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x' | | Σ x | | Σ | Σ x | | Σ x | | Σ x | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK HAS ME

69-70, 73-80

FED

PAGE 2

0300-0500

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|-------|----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 46/ 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 46/ 45 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 1 | | | | | |
| 44/ 43 | | .5 | .1 | | | | | | | | | | | | | | | 5 | 5 | 2 | 1 | | | | |
| 42/ 41 | | 1.1 | .1 | .1 | | | | | | | | | | | | | | 11 | 11 | 5 | 2 | | | | |
| 40/ 39 | .1 | .2 | | .2 | | | | | | | | | | | | | | 5 | 5 | 11 | 6 | | | | |
| 36/ 37 | | .2 | .7 | .4 | | | | | | | | | | | | | | 11 | 11 | 5 | 9 | | | | |
| 36/ 35 | .4 | 1.1 | .7 | | | | | | | | | | | | | | | 10 | 10 | 12 | 3 | | | | |
| 34/ 33 | .8 | 1.7 | 1.5 | .1 | | | | | | | | | | | | | | 34 | 34 | 26 | 17 | | | | |
| 32/ 31 | .4 | 2.4 | 1.1 | .4 | | | | | | | | | | | | | | 35 | 35 | 30 | 10 | | | | |
| 31 / 29 | .4 | 1.9 | 1.7 | .4 | | | | | | | | | | | | | | 36 | 36 | 30 | 29 | | | | |
| 26/ 27 | .4 | 2.7 | .8 | .1 | | | | | | | | | | | | | | 33 | 33 | 32 | 18 | | | | |
| 26/ 25 | 1.1 | 4.0 | 1.1 | .2 | | | | | | | | | | | | | | 53 | 53 | 46 | 25 | | | | |
| 24/ 23 | .4 | 2.9 | 1.2 | .2 | | | | | | | | | | | | | | 39 | 39 | 42 | 27 | | | | |
| 22/ 21 | .2 | 3.4 | 1.6 | | | | | | | | | | | | | | | 43 | 43 | 48 | 26 | | | | |
| 20/ 19 | .7 | 4.1 | 2.1 | | | | | | | | | | | | | | | 57 | 57 | 49 | 33 | | | | |
| 18/ 17 | .8 | 2.5 | 1.5 | | | | | | | | | | | | | | | 40 | 40 | 46 | 36 | | | | |
| 16/ 15 | .4 | 2.3 | 1.5 | | | | | | | | | | | | | | | 34 | 34 | 38 | 46 | | | | |
| 14/ 13 | .6 | 3.3 | 1.7 | | | | | | | | | | | | | | | 46 | 46 | 40 | 38 | | | | |
| 12/ 11 | .5 | 2.9 | .8 | | | | | | | | | | | | | | | 35 | 35 | 48 | 48 | | | | |
| 11/ 9 | .7 | 4.0 | .5 | | | | | | | | | | | | | | | 43 | 43 | 40 | 29 | | | | |
| 8/ 7 | .2 | 3.6 | | | | | | | | | | | | | | | | 32 | 32 | 41 | 25 | | | | |
| 6/ 5 | .8 | 3.1 | | | | | | | | | | | | | | | | 33 | 33 | 44 | 33 | | | | |
| 4/ 3 | .6 | 4.0 | | | | | | | | | | | | | | | | 38 | 38 | 39 | 39 | | | | |
| 2/ 1 | .2 | 4.5 | | | | | | | | | | | | | | | | 39 | 39 | 42 | 33 | | | | |
| 1/ -1 | 2.3 | 1.2 | | | | | | | | | | | | | | | | 29 | 29 | 30 | 22 | | | | |
| -2/ -3 | 1.1 | 2.5 | | | | | | | | | | | | | | | | 30 | 30 | 31 | 37 | | | | |
| -4/ -5 | 1.1 | 1.8 | | | | | | | | | | | | | | | | 24 | 24 | 19 | 41 | | | | |
| -6/ -7 | 1.2 | .1 | | | | | | | | | | | | | | | | 11 | 11 | 24 | 36 | | | | |
| -8/ -9 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 37 | | | | |
| -10/-11 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 25 | | | | |
| -12/-13 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 20 | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | 16 | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | | | 13 | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | | | | 14 | |
| Element (F) | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 8-26-5 (OL A) PREPARED BY THE AIR WEATHER SERVICE

PSYCHROMETRIC SUMMARY

BRUNSWICK HAS HE _____
STATION NAME

TEAM

FBI

~~SECRET~~

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| -21/-21 | | | | | | | | | | | | | | | | | | | | | 10 |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 8 |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 11 |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 4 |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 6 |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 1 |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 1 |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 16.6 | 62.5 | 10.7 | 2.2 | | | | | | | | | | | | | | 627 | 827 | 827 | 827 |
| | | | | | | | | | | | | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME
STATION

69-70, 73-80

YEAR

FEB
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------------|-----|------------------|------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-----------|-------------------|----------|-------------------|-------|-------------------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 46/ 45 | | .2 | .4 | .1 | | | | | | | | | | | | | | 6 | 6 | 1 | 1 | | | |
| 44/ 43 | | .4 | .1 | | .2 | .1 | | | | | | | | | | | | 7 | 7 | 3 | | | | |
| 42/ 41 | | 1.2 | .4 | .5 | .6 | .1 | | | | | | | | | | | | 23 | 23 | 6 | 2 | | | |
| 41/ 39 | | .4 | 1.0 | .6 | .2 | | | | | | | | | | | | | 18 | 18 | 12 | 7 | | | |
| 38/ 37 | .4 | 1.4 | 2.0 | 1.3 | .1 | | | | | | | | | | | | | 44 | 44 | 14 | 10 | | | |
| 36/ 35 | .6 | 1.4 | 1.2 | 1.0 | .1 | | | | | | | | | | | | | 36 | 36 | 32 | 7 | | | |
| 34/ 33 | .1 | 2.7 | 1.1 | 1.2 | .5 | | | | | | | | | | | | | 47 | 47 | 40 | 25 | | | |
| 32/ 31 | .1 | 1.9 | 1.4 | 1.4 | .7 | | | | | | | | | | | | | 47 | 47 | 40 | 20 | | | |
| 31/ 29 | .1 | 2.0 | 2.6 | 1.7 | .1 | | | | | | | | | | | | | 55 | 55 | 38 | 22 | | | |
| 26/ 27 | 1.1 | 2.6 | 1.3 | 1.3 | | | | | | | | | | | | | | 53 | 54 | 54 | 34 | | | |
| 26/ 25 | .2 | 2.7 | 3.5 | 1.0 | | | | | | | | | | | | | | 62 | 62 | 59 | 39 | | | |
| 24/ 23 | .4 | 1.8 | 1.9 | .8 | | | | | | | | | | | | | | 41 | 41 | 55 | 24 | | | |
| 22/ 21 | .5 | 2.6 | 3.7 | 1.0 | | | | | | | | | | | | | | 65 | 65 | 60 | 24 | | | |
| 21/ 19 | .5 | 2.7 | 3.8 | .5 | | | | | | | | | | | | | | 63 | 63 | 64 | 55 | | | |
| 18/ 17 | .4 | 1.9 | 3.0 | | | | | | | | | | | | | | | 44 | 44 | 55 | 42 | | | |
| 16/ 15 | .8 | 2.6 | 3.9 | | | | | | | | | | | | | | | 62 | 62 | 56 | 38 | | | |
| 14/ 13 | .1 | 1.9 | 2.4 | | | | | | | | | | | | | | | 37 | 38 | 55 | 40 | | | |
| 12/ 11 | .1 | 2.1 | 1.7 | | | | | | | | | | | | | | | 33 | 33 | 46 | 50 | | | |
| 11/ 9 | | 1.6 | 1.3 | | | | | | | | | | | | | | | 24 | 24 | 38 | 43 | | | |
| 8/ 7 | .2 | 1.6 | .4 | | | | | | | | | | | | | | | 18 | 18 | 28 | 41 | | | |
| 6/ 5 | .2 | 1.3 | | | | | | | | | | | | | | | | 13 | 13 | 22 | 30 | | | |
| 4/ 3 | | 1.2 | | | | | | | | | | | | | | | | 10 | 10 | 12 | 37 | | | |
| 2/ 1 | | 1.7 | | | | | | | | | | | | | | | | 14 | 14 | 13 | 32 | | | |
| 0/ -1 | .5 | .6 | | | | | | | | | | | | | | | | 9 | 9 | 19 | 29 | | | |
| -2/ -3 | | .6 | | | | | | | | | | | | | | | | 5 | 5 | 3 | 34 | | | |
| -4/ -5 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 3 | 4 | 33 | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | 1 | 28 | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 23 | | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 14 | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| Element (K) | Σ K ¹ | | Σ K ² | | Σ K ³ | | Σ K ⁴ | | Σ K ⁵ | | Σ K ⁶ | | Σ K ⁷ | | Σ K ⁸ | | Σ K ⁹ | | Σ K ¹⁰ | | Σ K ¹¹ | | Σ K ¹² | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-5 (OL A)
USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

0900-1100
(MORNING (L. S. T.))

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FEB

STATION NAME

YEARS

14-00000

1500-1700

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (P) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|------|----------|----------|-----------|--------------------|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 54/ 53 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | | | | | |
| 53/ 49 | | .1 | | | .1 | | | | | | | | | | | | | 3 | 3 | | | | | | |
| 48/ 47 | | .4 | | .2 | .2 | .2 | .1 | | | | | | | | | | | 9 | 9 | 2 | | | | | |
| 46/ 45 | | .1 | | .2 | .5 | | .1 | | | | | | | | | | | 8 | 8 | 3 | | | | | |
| 44/ 43 | | .4 | .2 | 1.1 | .8 | .1 | | | | | | | | | | | | 22 | 22 | 2 | | | | | |
| 42/ 41 | | .2 | .8 | 1.0 | .8 | | .2 | | | | | | | | | | | 26 | 26 | 10 | | | | | |
| 41/ 39 | .5 | .5 | 1.0 | 1.2 | 1.0 | .1 | | | | | | | | | | | | 35 | 35 | 13 | | | | | |
| 38/ 37 | .1 | 1.1 | 1.9 | 2.8 | .4 | | | | | | | | | | | | | 52 | 52 | 27 | | | | | |
| 36/ 35 | | 1.1 | 1.3 | 3.8 | 1.8 | | | | | | | | | | | | | 67 | 67 | 38 | | | | | |
| 34/ 33 | | 2.3 | 2.3 | 2.0 | 2.6 | | | | | | | | | | | | | 77 | 77 | 55 | | | | | |
| 32/ 31 | .1 | 2.9 | 3.3 | 2.8 | 1.3 | | | | | | | | | | | | | 87 | 87 | 61 | | | | | |
| 31/ 29 | .4 | 1.3 | 2.0 | 2.5 | .8 | | | | | | | | | | | | | 59 | 59 | 82 | | | | | |
| 29/ 27 | .5 | 1.4 | 2.2 | 2.4 | .7 | | | | | | | | | | | | | 60 | 60 | 79 | | | | | |
| 26/ 25 | .4 | 1.2 | 3.6 | 3.1 | .1 | | | | | | | | | | | | | 70 | 70 | 69 | | | | | |
| 24/ 23 | .1 | 1.9 | 1.8 | 2.2 | .1 | | | | | | | | | | | | | 51 | 51 | 70 | | | | | |
| 22/ 21 | | 1.7 | 2.2 | 1.6 | | | | | | | | | | | | | | 45 | 45 | 68 | | | | | |
| 20/ 19 | .2 | 1.8 | 2.5 | 1.6 | | | | | | | | | | | | | | 51 | 51 | 69 | | | | | |
| 18/ 17 | .5 | .7 | 2.0 | .5 | | | | | | | | | | | | | | 31 | 31 | 43 | | | | | |
| 16/ 15 | | .7 | 2.9 | .4 | | | | | | | | | | | | | | 33 | 33 | 43 | | | | | |
| 14/ 13 | | .1 | 1.2 | | | | | | | | | | | | | | | 11 | 11 | 31 | | | | | |
| 12/ 11 | | .5 | 1.0 | | | | | | | | | | | | | | | 12 | 12 | 25 | | | | | |
| 11/ 9 | | .2 | .8 | | | | | | | | | | | | | | | 9 | 9 | 17 | | | | | |
| 8/ 7 | | .2 | .6 | | | | | | | | | | | | | | | 7 | 7 | 12 | | | | | |
| 6/ 5 | | .5 | | | | | | | | | | | | | | | | 4 | 4 | 8 | | | | | |
| 4/ 3 | | .6 | | | | | | | | | | | | | | | | 5 | 5 | 5 | | | | | |
| 2/ 1 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -12/ -13 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -14/ -15 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | | Σ X | | | Σ | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| -17/-19 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| -19/-21 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| -21/-23 | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| -23/-25 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | 2,822.0 | 33.6 | 29.2 | 11.4 | | .5 | .5 | .1 | | | | | | | | | | 836 | 836 | 836 | 836 | | | |
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PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

1800-2000
MOVIES (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|---|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| /-21 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| 2/-23 | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | |
| 7 /-25 | | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | |
| - /-27 | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | |
| /-29 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| TAL | 5.435 | .04 | 4.513 | .5 | 1.4 | .1 | | | | | | | | | | | | | 831 | 831 | 831 | | | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743927 BRUNSWICK NAS ME

69-70,73-80

FEB

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 51 / 49 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 48 / 47 | | .7 | | | | | | | | | | | | | | | | 6 | 6 | | | | | |
| 46 / 45 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 5 | | | |
| 44 / 43 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 1 | 3 | | | |
| 42 / 41 | | .2 | .4 | .1 | | | | | | | | | | | | | | 6 | 6 | 2 | 1 | | | |
| 41 / 39 | | .4 | .6 | .4 | | | | | | | | | | | | | | 11 | 11 | 6 | 2 | | | |
| 38 / 37 | | 1.2 | 1.2 | .6 | .2 | | | | | | | | | | | | | 27 | 27 | 8 | 2 | | | |
| 36 / 35 | .5 | 2.0 | 1.3 | .5 | | | | | | | | | | | | | | 36 | 36 | 23 | 9 | | | |
| 34 / 33 | .4 | 1.9 | 1.8 | .6 | .1 | | | | | | | | | | | | | 40 | 40 | 31 | 14 | | | |
| 32 / 31 | .2 | 2.3 | 2.5 | .7 | .1 | | | | | | | | | | | | | 49 | 49 | 48 | 28 | | | |
| 31 / 29 | .8 | 2.4 | 2.7 | .5 | | | | | | | | | | | | | | 54 | 54 | 37 | 26 | | | |
| 28 / 27 | .4 | 4.1 | 1.7 | .4 | .1 | | | | | | | | | | | | | 55 | 55 | 51 | 29 | | | |
| 26 / 25 | .4 | 2.7 | 1.8 | .7 | | | | | | | | | | | | | | 47 | 47 | 48 | 25 | | | |
| 24 / 23 | .8 | 2.7 | 2.4 | .2 | | | | | | | | | | | | | | 52 | 52 | 47 | 32 | | | |
| 22 / 21 | 1.0 | 2.5 | 3.5 | | | | | | | | | | | | | | | 58 | 58 | 58 | 44 | | | |
| 20 / 19 | .6 | 2.1 | 3.8 | .1 | | | | | | | | | | | | | | 56 | 56 | 48 | 51 | | | |
| 18 / 17 | .2 | 2.6 | 2.1 | | | | | | | | | | | | | | | 42 | 42 | 53 | 56 | | | |
| 16 / 15 | .5 | 3.7 | 2.9 | | | | | | | | | | | | | | | 59 | 59 | 53 | 25 | | | |
| 14 / 13 | .1 | 2.6 | 1.8 | | | | | | | | | | | | | | | 38 | 38 | 55 | 32 | | | |
| 12 / 11 | .1 | 4.5 | 1.8 | | | | | | | | | | | | | | | 54 | 54 | 41 | 37 | | | |
| 10 / 9 | .1 | 2.0 | .7 | | | | | | | | | | | | | | | 24 | 24 | 53 | 32 | | | |
| 8 / 7 | .1 | 3.0 | .6 | | | | | | | | | | | | | | | 31 | 31 | 31 | 50 | | | |
| 6 / 5 | .4 | 2.6 | | | | | | | | | | | | | | | | 25 | 25 | 37 | 35 | | | |
| 4 / 3 | | 1.8 | | | | | | | | | | | | | | | | 15 | 15 | 23 | 35 | | | |
| 2 / 1 | .1 | 2.0 | | | | | | | | | | | | | | | | 18 | 18 | 14 | 44 | | | |
| 0 / -1 | .1 | 1.1 | | | | | | | | | | | | | | | | 10 | 10 | 17 | 29 | | | |
| -2 / -3 | .1 | 1.7 | | | | | | | | | | | | | | | | 15 | 15 | 19 | 32 | | | |
| -4 / -5 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 24 | | | |
| -6 / -7 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 28 | | | |
| -8 / -9 | | | | | | | | | | | | | | | | | | | | | 26 | | | |
| -10 / -11 | | | | | | | | | | | | | | | | | | | | | 18 | | | |
| -12 / -13 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| -14 / -15 | | | | | | | | | | | | | | | | | | | | | 12 | | | |
| -16 / -17 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| Element (X) | Σ x ² | | Σ x | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 44 0-16-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME
STATION STATION

69-70, 73-80

FEB
1964

PAGE 2 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 11 |
| -17/-21 | | | | | | | | | | | | | | | | | | | | | 1 |
| -21/-23 | | | | | | | | | | | | | | | | | | | | | 5 |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 13 |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 5 |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 1 |
| -1/-31 | | | | | | | | | | | | | | | | | | | | | 1 |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.05 | 3.83 | 3.8 | 4.8 | .6 | | | | | | | | | | | | | 838 | 838 | 838 | 838 |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70,73-80

FEB

STATION

STATION NAME

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | Dry Bulb | Wet Bulb | Dew Point |
| 57/ 57 | | | | | | | | .0 | .0 | | | | | | | | | 2 | 2 | |
| 54/ 53 | | | | | .0 | | | .0 | | | | | | | | | | 2 | 2 | |
| 51/ 49 | | .1 | | | .0 | | .0 | | | | | | | | | | | 6 | 6 | |
| 48/ 47 | | .3 | | .1 | .0 | .0 | | | | | | | | | | | | 29 | 29 | 5 |
| 46/ 45 | | .2 | .2 | .0 | .1 | | .0 | | | | | | | | | | | 37 | 37 | 25 |
| 44/ 43 | | .6 | .2 | .2 | .2 | .1 | | | | | | | | | | | | 86 | 86 | 21 |
| 42/ 41 | | .5 | .4 | .4 | .3 | .1 | .0 | | | | | | | | | | | 116 | 116 | 55 |
| 40/ 39 | .1 | .4 | .6 | .5 | .3 | .0 | | | | | | | | | | | | 131 | 131 | 69 |
| 36/ 37 | .1 | 1.0 | 1.4 | 1.2 | .2 | .0 | | | | | | | | | | | | 256 | 256 | 102 |
| 36/ 35 | .3 | 1.5 | 1.2 | 1.2 | .4 | | | | | | | | | | | | | 303 | 303 | 195 |
| 34/ 33 | .3 | 2.1 | 1.9 | 1.1 | .7 | | | | | | | | | | | | | 398 | 398 | 301 |
| 32/ 31 | .2 | 2.2 | 2.4 | 1.2 | .5 | | | | | | | | | | | | | 439 | 439 | 342 |
| 30/ 29 | .5 | 2.0 | 2.6 | 1.1 | .3 | | | | | | | | | | | | | 426 | 426 | 390 |
| 28/ 27 | .6 | 2.8 | 1.5 | 1.2 | .2 | | | | | | | | | | | | | 406 | 407 | 456 |
| 26/ 25 | .5 | 2.4 | 2.3 | 1.1 | .0 | | | | | | | | | | | | | 420 | 420 | 481 |
| 24/ 23 | .6 | 2.3 | 1.8 | .9 | .0 | | | | | | | | | | | | | 372 | 372 | 417 |
| 22/ 21 | .3 | 2.7 | 2.6 | .8 | | | | | | | | | | | | | | 424 | 424 | 454 |
| 20/ 19 | .4 | 2.7 | 3.1 | .6 | | | | | | | | | | | | | | 452 | 452 | 457 |
| 16/ 17 | .4 | 2.1 | 2.1 | .1 | | | | | | | | | | | | | | 317 | 317 | 383 |
| 16/ 15 | .4 | 2.3 | 2.6 | .1 | | | | | | | | | | | | | | 354 | 354 | 396 |
| 14/ 13 | .2 | 1.8 | 1.9 | | | | | | | | | | | | | | | 264 | 265 | 328 |
| 12/ 11 | .2 | 2.4 | 1.3 | | | | | | | | | | | | | | | 263 | 263 | 303 |
| 10/ 9 | .2 | 2.4 | .9 | | | | | | | | | | | | | | | 235 | 235 | 309 |
| 8/ 7 | .2 | 2.3 | .4 | | | | | | | | | | | | | | | 189 | 189 | 261 |
| 6/ 5 | .3 | 2.2 | | | | | | | | | | | | | | | | 166 | 166 | 223 |
| 4/ 3 | .2 | 2.1 | | | | | | | | | | | | | | | | 157 | 157 | 186 |
| 2/ 1 | .2 | 1.9 | | | | | | | | | | | | | | | | 138 | 138 | 151 |
| 0/ -1 | .6 | .7 | | | | | | | | | | | | | | | | 84 | 84 | 135 |
| -2/ -3 | .3 | 1.2 | | | | | | | | | | | | | | | | 97 | 97 | 87 |
| -4/ -5 | .3 | .5 | | | | | | | | | | | | | | | | 49 | 50 | 62 |
| -6/ -7 | .3 | .1 | | | | | | | | | | | | | | | | 23 | 23 | 47 |
| -8/ -9 | .2 | | | | | | | | | | | | | | | | | 12 | 12 | 12 |
| -10/-11 | .1 | | | | | | | | | | | | | | | | | 6 | 6 | 6 |
| -12/-13 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 |
| Element (X) | Σx' | | Σx | | Σ | Σ | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | Total |
| Rel. Hum. | | | | | | | | | ≤ 6 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-5 (OL A)
USAFETAC
REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1740

FE
MARTIN

ALL
MEMBERS (L. S. V.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.S./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 80 | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 70 | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 64 | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 59 | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 47 | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 55 | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 31 | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 14 | |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 1 | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 5 | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 2 | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 1 | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 7.9 | 45.8 | 31.2 | 11.5 | 3.3 | .3 | .1 | .0 | .0 | | | | | | | | | 6660 | 6663 | 6660 | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PAGE 1 0000-0200
LOCAL (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|----------------|-----|----------------|------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|----------|-----------------|-----------|-----------------|--------------------|-----------------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 52 / 51 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | | | | | | |
| 5 / 49 | | | | .1 | | | | | | | | | | | | | | 4 | 4 | | | | | | |
| 4- / 47 | .1 | .2 | .2 | | .1 | | | | | | | | | | | | | 6 | 6 | 1 | | | | | |
| 4- / 45 | .2 | .4 | .1 | .1 | | | | | | | | | | | | | | 12 | 12 | 7 | | | | | |
| 4- / 43 | .3 | .4 | .4 | .4 | .1 | | | | | | | | | | | | | 16 | 16 | 15 | | | | | |
| 4- / 41 | .4 | .7 | 1.3 | .2 | | | .1 | | | | | | | | | | | 25 | 25 | 13 | | | | | |
| 4- / 39 | .8 | 1.7 | 1.5 | .7 | | .1 | | | | | | | | | | | | 43 | 43 | 18 | | | | | |
| 3- / 37 | 1.8 | 2.8 | 2.9 | .9 | .2 | | | | | | | | | | | | | 77 | 77 | 52 | | | | | |
| 3- / 35 | 1.2 | 2.8 | 2.2 | .7 | .2 | | | | | | | | | | | | | 64 | 64 | 57 | | | | | |
| 3- / 33 | .8 | 5.1 | 3.2 | 2.2 | | | | | | | | | | | | | | 102 | 102 | 66 | | | | | |
| 2- / 31 | 1.2 | 5.1 | 3.1 | 1.3 | | | | | | | | | | | | | | 97 | 98 | 91 | | | | | |
| 2- / 29 | .3 | 4.3 | 3.9 | 1.5 | .3 | | | | | | | | | | | | | 94 | 94 | 96 | | | | | |
| 2- / 27 | .1 | 2.9 | 2.9 | 1.0 | .1 | | | | | | | | | | | | | 63 | 63 | 82 | | | | | |
| 2- / 25 | .2 | 2.8 | 3.6 | 1.1 | | | | | | | | | | | | | | 70 | 70 | 72 | | | | | |
| 2- / 23 | .4 | 1.8 | 1.9 | .4 | | | | | | | | | | | | | | 41 | 41 | 71 | | | | | |
| 2- / 21 | .2 | 1.3 | 2.2 | .2 | | | | | | | | | | | | | | 36 | 36 | 60 | | | | | |
| 2- / 19 | | 1.8 | 1.9 | .3 | | | | | | | | | | | | | | 36 | 37 | 44 | | | | | |
| 1- / 17 | .1 | 1.4 | 1.9 | .1 | | | | | | | | | | | | | | 32 | 32 | 35 | | | | | |
| 1- / 15 | .2 | 1.3 | 1.1 | | | | | | | | | | | | | | | 24 | 24 | 28 | | | | | |
| 1- / 13 | .2 | .8 | .6 | | | | | | | | | | | | | | | 14 | 14 | 34 | | | | | |
| 1- / 11 | .1 | .8 | .9 | | | | | | | | | | | | | | | 16 | 16 | 16 | | | | | |
| 1- / 9 | .2 | .9 | .6 | | | | | | | | | | | | | | | 14 | 14 | 15 | | | | | |
| 0- / 7 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 14 | | | | | |
| 0- / 5 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 6 | | | | | |
| 0- / 3 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | | | | | |
| 0- / 1 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 4 | | | | | |
| -1 / -1 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 4 | | | | | |
| -1 / -3 | | | | | | | | | | | | | | | | | | | | 6 | | | | | |
| -4 / -5 | | | | | | | | | | | | | | | | | | | | 8 | | | | | |
| -6 / -7 | | | | | | | | | | | | | | | | | | | | 13 | | | | | |
| -8 / -9 | | | | | | | | | | | | | | | | | | | | 15 | | | | | |
| -10 / -11 | | | | | | | | | | | | | | | | | | | | 7 | | | | | |
| -14 / -15 | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| -16 / -17 | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| Element (H) | S ₁ | | S ₂ | | S ₃ | | S ₄ | | S ₅ | | S ₆ | | S ₇ | | S ₈ | | S ₉ | | S ₁₀ | | S ₁₁ | | S ₁₂ | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
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FORM 6-24-5 (OL A) PREPARED BY AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME

69-70, 73-80

MAR
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70, 73-80

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STATION

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PAGE 1

0300-0500

MEMBER (L. S. Y.)

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PSYCHROMETRIC SUMMARY

MAR
1971

PAGE 2 0300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| -15/-19 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| TOTAL | 10.6 | 17.6 | 34.0 | 6.6 | 1.1 | .1 | | | | | | | | | | | | | 904 | 904 | | 904 | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0900

HOURS (L. S. Y.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------------------------------------|----------|-----------|--------------------|--------|--------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 48/ 47 | .3 | .7 | .1 | | | | | | | | | | | | | | | 10 | 10 | 3 | 3 | | | |
| 46/ 45 | .3 | .7 | | .3 | | | | | | | | | | | | | | 12 | 12 | 11 | 4 | | | |
| 44/ 43 | .3 | 1.0 | .7 | .7 | .1 | | | | | | | | | | | | | 25 | 25 | 11 | 10 | | | |
| 42/ 41 | .2 | 1.1 | .7 | .2 | .1 | | | | | | | | | | | | | 21 | 21 | 10 | 11 | | | |
| 40/ 39 | .8 | 1.1 | 1.6 | .8 | .4 | | | | | | | | | | | | | 42 | 42 | 27 | 11 | | | |
| 38/ 37 | 1.3 | 3.7 | 1.2 | 1.1 | | | | | | | | | | | | | | 66 | 66 | 46 | 22 | | | |
| 36/ 35 | 1.0 | 4.4 | 2.5 | 1.3 | .2 | .1 | | | | | | | | | | | | 87 | 87 | 60 | 37 | | | |
| 34/ 33 | .9 | 5.1 | 2.0 | .9 | .6 | | | | | | | | | | | | | 85 | 85 | 74 | 43 | | | |
| 32/ 31 | .7 | 4.7 | 2.3 | 1.6 | .4 | | | | | | | | | | | | | 87 | 87 | 83 | 73 | | | |
| 30/ 29 | .7 | 2.2 | 4.1 | 1.3 | | | | | | | | | | | | | | 75 | 75 | 79 | 54 | | | |
| 28/ 27 | .9 | 3.5 | 2.7 | .9 | | | | | | | | | | | | | | 72 | 72 | 64 | 51 | | | |
| 26/ 25 | .3 | 2.8 | 1.8 | .8 | | | | | | | | | | | | | | 51 | 51 | 90 | 45 | | | |
| 24/ 23 | .6 | 2.3 | 1.3 | .2 | | | | | | | | | | | | | | 40 | 40 | 59 | 40 | | | |
| 22/ 21 | .6 | 1.9 | 2.5 | .2 | | | | | | | | | | | | | | 47 | 47 | 54 | 47 | | | |
| 20/ 19 | .1 | 1.7 | 2.0 | .1 | | | | | | | | | | | | | | 35 | 35 | 42 | 58 | | | |
| 18/ 17 | .2 | 2.0 | 1.6 | | | | | | | | | | | | | | | 34 | 34 | 35 | 58 | | | |
| 16/ 15 | .2 | 1.2 | 1.4 | | | | | | | | | | | | | | | 26 | 26 | 31 | 43 | | | |
| 14/ 13 | .3 | 1.4 | 1.4 | | | | | | | | | | | | | | | 29 | 29 | 32 | 41 | | | |
| 12/ 11 | .3 | .8 | .9 | | | | | | | | | | | | | | | 18 | 18 | 30 | 34 | | | |
| 10/ 9 | .3 | 1.3 | .2 | | | | | | | | | | | | | | | 17 | 17 | 21 | 31 | | | |
| 8/ 7 | | .6 | | | | | | | | | | | | | | | | 5 | 5 | 17 | 27 | | | |
| 6/ 5 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 5 | 28 | | | |
| 4/ 3 | | .9 | | | | | | | | | | | | | | | | 8 | 8 | 6 | 19 | | | |
| 2/ 1 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 7 | 27 | | | |
| 0/ -1 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 18 | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | 1 | 11 | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 16 | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| -12/ -13 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| -14/ -15 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| -16/ -17 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| -18/ -19 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | ≤ 6 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-24-5 (O.L.A.)
USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTY

0600-0800
HOURS (L. S. Y.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743927 BRUNSWICK NAS ME

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-----|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 4/ 63 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 12/ 61 | | | .1 | | | | | .2 | | | | | | | | | | 3 | 3 | | | | | |
| 6/ 59 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 2 | | | | |
| 50/ 57 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | 2 | | | |
| 58/ 55 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | |
| 74/ 53 | | | | | .2 | .2 | .1 | | .1 | | | | | | | | | 6 | 6 | | | | | |
| 52/ 51 | | .1 | | .2 | .3 | .1 | .1 | .1 | | | | | | | | | | 9 | 9 | | | | | |
| 51/ 49 | | .3 | .3 | .4 | .6 | .4 | .1 | | | | | | | | | | | 20 | 20 | 3 | | | | |
| 42/ 47 | .6 | .6 | .6 | .4 | .7 | .4 | | | | | | | | | | | | 29 | 29 | 12 | 6 | | | |
| 46/ 45 | .1 | .6 | 1.1 | 1.0 | .7 | .6 | .2 | .1 | | | | | | | | | | 39 | 39 | 17 | 6 | | | |
| 44/ 43 | .9 | .9 | 1.8 | .7 | 1.4 | .3 | .1 | | | | | | | | | | | 55 | 55 | 29 | 15 | | | |
| 42/ 41 | .3 | 1.2 | 1.0 | 1.7 | 1.5 | .3 | .2 | | | | | | | | | | | 57 | 57 | 37 | 12 | | | |
| 41/ 39 | 1.4 | 2.0 | 3.1 | 1.8 | 1.9 | .4 | .1 | | | | | | | | | | | 97 | 97 | 64 | 31 | | | |
| 38/ 37 | .7 | 3.5 | 2.9 | 2.6 | .7 | .6 | .1 | | | | | | | | | | | 100 | 100 | 55 | 36 | | | |
| 36/ 35 | .3 | 3.2 | 2.2 | 2.9 | .9 | | | | | | | | | | | | | 86 | 86 | 103 | 40 | | | |
| 34/ 33 | 1.2 | 2.8 | 2.1 | 3.1 | .9 | | | | | | | | | | | | | 91 | 91 | 98 | 68 | | | |
| 32/ 31 | .2 | 1.8 | 2.6 | 2.5 | 1.2 | | | | | | | | | | | | | 76 | 76 | 91 | 63 | | | |
| 31/ 29 | .6 | .7 | 2.2 | 2.1 | .4 | | | | | | | | | | | | | 54 | 54 | 75 | 52 | | | |
| 28/ 27 | .1 | 1.3 | 1.0 | 1.5 | .2 | | | | | | | | | | | | | 38 | 38 | 73 | 45 | | | |
| 26/ 25 | | 1.0 | 1.4 | 2.3 | | | | | | | | | | | | | | 43 | 43 | 60 | 47 | | | |
| 24/ 23 | .1 | .6 | .9 | .9 | | | | | | | | | | | | | | 22 | 22 | 43 | 48 | | | |
| 22/ 21 | | | .9 | 1.1 | | | | | | | | | | | | | | 18 | 18 | 37 | 47 | | | |
| 21/ 19 | .1 | .2 | .9 | .8 | | | | | | | | | | | | | | 18 | 18 | 28 | 76 | | | |
| 18/ 17 | | .1 | .8 | .1 | | | | | | | | | | | | | | 9 | 9 | 24 | 43 | | | |
| 16/ 15 | | .3 | 1.4 | | | | | | | | | | | | | | | 16 | 16 | 19 | 38 | | | |
| 14/ 13 | | .1 | .6 | | | | | | | | | | | | | | | 6 | 6 | 9 | 25 | | | |
| 12/ 11 | | .3 | .7 | | | | | | | | | | | | | | | 9 | 9 | 16 | 24 | | | |
| 11/ 9 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 8 | 24 | | | |
| 7/ 7 | | | | | | | | | | | | | | | | | | | | 3 | 28 | | | |
| 5/ 5 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 18 | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 2 | 29 | | | |
| 1/ 1 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| 1/ -1 | | | | | | | | | | | | | | | | | | | | | 17 | | | |
| - / -3 | | | | | | | | | | | | | | | | | | | | | 11 | | | |
| Element (X) | Σ H ¹ | | Σ H | | Σ | Σ | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVERSE REMOVAL SECTION OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

YEARS

MAR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 4 / 73 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 7 / 69 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | | | | | |
| 6 / 67 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | 3 | | | | | |
| 6 / 65 | | | | | | | | | .2 | | | | | | | | | 2 | 2 | | 3 | | | | |
| 4 / 63 | | | | | | | .1 | .4 | | | | | | | | | | 5 | 5 | | | | | | |
| 2 / 61 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | | | | | |
| 7 / 59 | | | | | | .1 | .3 | | | | | | | | | | | 4 | 4 | | | | | | |
| 5 / 57 | | | | | .1 | | .1 | | | .3 | | | | | | | | 5 | 5 | | | | | | |
| 5 / 55 | | .1 | .1 | .2 | .1 | .4 | | | | | | | | | | | | 9 | 9 | | | | | | |
| 4 / 53 | | .1 | .2 | | .5 | .4 | .4 | | | | | | | | | | | 16 | 16 | 3 | 2 | | | | |
| 2 / 51 | | | .4 | .5 | .1 | .4 | .8 | | .1 | | | | | | | | | 22 | 22 | 4 | | | | | |
| 5 / 49 | | .5 | .1 | .7 | 1.0 | 1.0 | .4 | .2 | | | | | | | | | | 36 | 36 | 12 | | | | | |
| 4 / 47 | | .4 | .9 | .9 | 1.0 | .9 | .2 | .2 | | | | | | | | | | 41 | 41 | 16 | 5 | | | | |
| 4 / 45 | .3 | .4 | 1.0 | 2.1 | 1.1 | 1.2 | .2 | .1 | | | | | | | | | | 59 | 59 | 29 | 11 | | | | |
| 4 / 43 | .5 | 1.2 | .8 | 1.9 | 1.5 | 1.0 | .2 | | | | | | | | | | | 65 | 65 | 28 | 11 | | | | |
| 2 / 41 | .1 | 1.3 | 1.2 | 1.4 | 1.2 | 1.1 | .3 | | | | | | | | | | | 61 | 61 | 53 | 16 | | | | |
| 4 / 39 | .9 | 2.2 | 2.9 | 2.0 | 1.5 | .5 | | | | | | | | | | | | 90 | 90 | 75 | 27 | | | | |
| 3 / 37 | .4 | 2.1 | 2.4 | 5.5 | 1.8 | 1.5 | | | | | | | | | | | | 125 | 125 | 73 | 45 | | | | |
| 3 / 35 | .4 | 2.3 | 2.4 | 4.1 | 1.2 | 1.0 | | | | | | | | | | | | 104 | 104 | 102 | 40 | | | | |
| 3 / 33 | .4 | 2.5 | .4 | 2.2 | 2.3 | .4 | | | | | | | | | | | | 76 | 76 | 101 | 46 | | | | |
| 2 / 31 | | 1.5 | .8 | 1.5 | 1.5 | .4 | | | | | | | | | | | | 53 | 53 | 101 | 79 | | | | |
| 3 / 29 | .2 | .3 | .8 | 1.3 | 1.4 | | | | | | | | | | | | | 37 | 37 | 76 | 62 | | | | |
| 2 / 27 | | .8 | 1.0 | 1.1 | .7 | | | | | | | | | | | | | 32 | 32 | 60 | 46 | | | | |
| 2 / 25 | | .5 | .1 | .8 | .1 | | | | | | | | | | | | | 14 | 14 | 52 | 46 | | | | |
| 2 / 23 | | | .3 | .9 | | | | | | | | | | | | | | 11 | 11 | 40 | 60 | | | | |
| 2 / 21 | | | .2 | 1.3 | | | | | | | | | | | | | | 14 | 14 | 23 | 58 | | | | |
| 2 / 19 | | .4 | .5 | .4 | | | | | | | | | | | | | | 13 | 13 | 17 | 54 | | | | |
| 1 / 17 | | | .4 | .4 | | | | | | | | | | | | | | 8 | 8 | 15 | 44 | | | | |
| 1 / 15 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 14 | 30 | | | | |
| 1 / 13 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 15 | 27 | | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 23 | | | | |
| 1 / 9 | | | | | | | | | | | | | | | | | | | | | 37 | | | | |
| 1 / 7 | | | | | | | | | | | | | | | | | | | | | 26 | | | | |
| 1 / 5 | | | | | | | | | | | | | | | | | | | | | 15 | | | | |
| Element (X) | $\Sigma X'$ | | ΣX | | \bar{X} | | σ^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-5 (OLA) REVISIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

1200-1400
HOURS (L. S. T.)

[illegible]

GLCRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70, 73-80

MAR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|------------|----|----------|----------|-----------|----------|--|--|--|--|------------------------------------|------------|------------|------------|------------|------------|-------|-----|--------------------|-------|----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 71/ 69 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 67/ 67 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 1 | | |
| 66/ 65 | | | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 1 | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| 62/ 61 | | | | | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 1 | |
| 59/ 59 | | | | | | .1 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | | | |
| 58/ 57 | | | | .2 | | | .1 | .1 | | .1 | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | | |
| 55/ 55 | | | .2 | | | .3 | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | |
| 54/ 53 | | | | .3 | .4 | .1 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 3 | | |
| 52/ 51 | | | .1 | | .3 | .7 | .4 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | 5 | | |
| 51/ 49 | | .3 | .1 | .2 | | .6 | .3 | .4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 4 | | |
| 48/ 47 | .1 | .6 | .6 | .8 | .9 | .7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | 34 | 14 | 7 | |
| 46/ 45 | .1 | .4 | 1.4 | 1.6 | 2.2 | 1.1 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | 16 | 4 | |
| 44/ 43 | .3 | 1.2 | 1.3 | 2.5 | 1.7 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 70 | 70 | 26 | 15 | |
| 42/ 41 | .3 | 1.6 | 1.7 | 2.1 | 1.7 | .1 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 | 51 | 9 | |
| 41/ 39 | 1.2 | 1.8 | 1.4 | 2.5 | 2.0 | 1.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 92 | 92 | 78 | 30 | |
| 39/ 37 | .3 | 2.5 | 3.1 | 3.2 | 2.8 | 1.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 120 | 120 | 82 | 35 | |
| 38/ 35 | .6 | 1.9 | 2.8 | 3.7 | 2.3 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 104 | 104 | 103 | 41 | |
| 34/ 33 | .3 | 3.0 | 1.1 | 1.9 | 1.3 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 74 | 74 | 92 | 42 | |
| 32/ 31 | .2 | 1.4 | 1.2 | 2.1 | 1.6 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | 106 | 72 | |
| 31/ 29 | .4 | .6 | 1.2 | 1.6 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | 86 | 65 | |
| 29/ 27 | | .6 | 1.1 | 1.0 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | 65 | 75 | |
| 28/ 25 | | .2 | .4 | .8 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 50 | 46 | |
| 24/ 23 | .1 | | .1 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | 39 | 51 | |
| 22/ 21 | .1 | | .2 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 29 | 62 | |
| 21/ 19 | | .2 | .6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | 12 | 42 | |
| 19/ 17 | | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 17 | 41 | |
| 18/ 15 | | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 17 | 34 | |
| 14/ 13 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 30 | |
| 13/ 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 37 | |
| 11/ 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | |
| 9/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | |
| Element (X) | ΣX^2 | | | | | ΣX | | | | | \bar{X} | | | | | σ_x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | $\pm 0 F$ | $\pm 32 F$ | $\pm 67 F$ | $\pm 73 F$ | $\pm 80 F$ | $\pm 93 F$ | Total | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 61 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | | | |
| 59 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | | | |
| 55 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 53 | | .1 | | | | .1 | .1 | | | | | | | | | | | 3 | 3 | 1 | | | |
| 51 | | | .2 | | .2 | | | | | | | | | | | | | 4 | 4 | 1 | 1 | | |
| 49 | | .1 | | .1 | .3 | | | .1 | | | | | | | | | | 6 | 6 | 2 | 1 | | |
| 47 | | .6 | .6 | .6 | .2 | .1 | | .1 | | | | | | | | | | 19 | 19 | 3 | | | |
| 45 | | 1.0 | .3 | .1 | .6 | .1 | .4 | | | | | | | | | | | 23 | 23 | 9 | 5 | | |
| 43 | .2 | 1.6 | 1.0 | .9 | .9 | .1 | .2 | | | | | | | | | | | 44 | 44 | 25 | 9 | | |
| 41 | .6 | .8 | 2.3 | 2.4 | 1.0 | .3 | .1 | | | | | | | | | | | 68 | 68 | 24 | 17 | | |
| 39 | .9 | 3.3 | 2.1 | 2.4 | .7 | .1 | | | | | | | | | | | | 86 | 86 | 41 | 19 | | |
| 37 | .9 | 2.8 | 3.7 | 3.2 | .7 | .2 | | | | | | | | | | | | 103 | 103 | 69 | 29 | | |
| 35 | 1.2 | 3.0 | 2.4 | 3.1 | 1.0 | .8 | | | | | | | | | | | | 104 | 104 | 88 | 40 | | |
| 33 | .8 | 3.0 | 3.6 | 2.0 | 1.2 | .1 | | | | | | | | | | | | 96 | 97 | 121 | 51 | | |
| 31 | .4 | 2.4 | 2.0 | 2.7 | 2.2 | | | | | | | | | | | | | 88 | 88 | 89 | 56 | | |
| 29 | .3 | 2.0 | 2.0 | 2.8 | .8 | | | | | | | | | | | | | 71 | 71 | 86 | 67 | | |
| 27 | .1 | 1.3 | 2.8 | 1.4 | .3 | | | | | | | | | | | | | 54 | 54 | 67 | 62 | | |
| 25 | .2 | .1 | 2.7 | 1.0 | | | | | | | | | | | | | | 36 | 36 | 71 | 70 | | |
| 23 | | .3 | 1.1 | .8 | | | | | | | | | | | | | | 20 | 20 | 71 | 58 | | |
| 21 | .2 | .1 | .9 | .9 | | | | | | | | | | | | | | 19 | 19 | 37 | 46 | | |
| 19 | | .1 | 1.2 | .8 | | | | | | | | | | | | | | 19 | 19 | 25 | 42 | | |
| 17 | | .3 | 1.3 | .3 | | | | | | | | | | | | | | 18 | 18 | 18 | 31 | | |
| 15 | .2 | .1 | .7 | | | | | | | | | | | | | | | 9 | 9 | 22 | 37 | | |
| 13 | | .7 | | | | | | | | | | | | | | | | 6 | 6 | 18 | 42 | | |
| 11 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 11 | 38 | | |
| 9 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 24 | | |
| 7 | | | | | | | | | | | | | | | | | | | | 2 | 39 | | |
| 5 | | | | | | | | | | | | | | | | | | | | | 25 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | 19 | | |
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| -3 | | | | | | | | | | | | | | | | | | | | | 6 | | |
| -5 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| -7 | | | | | | | | | | | | | | | | | | | | | 5 | | |
| Element (X) | Σ H' | | Σ H | | Σ | | C _H | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 6 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 44 0-26-5 (OL A) REVISIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80

YEARS

MAR
MONY

PAGE 2

1800-2000
MAY 1981 (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80

YEARS

MAR
MONTH

PAGE 2

2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| TOTAL | 9.0 | 31.8 | 39.4 | 16.9 | 3.2 | .4 | .1 | .1 | | | | | | | | | | | 911 | 912 | 911 | |
| | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70,73-80

YEARS

APR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|------|----------|----------|-----------|-----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 4/ 63 | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 56/ 57 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 50/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 53 | | .7 | .3 | .3 | .1 | .1 | | | | | | | | | | | | | 14 | 14 | | | | | |
| 2/ 51 | .5 | .1 | .5 | .2 | | .1 | | | | | | | | | | | | | 12 | 12 | 13 | 5 | | | |
| 50/ 49 | .2 | 1.0 | .9 | .6 | .1 | .1 | | | | | | | | | | | | | 26 | 27 | 6 | 10 | | | |
| 40/ 47 | | 1.4 | .6 | .3 | .2 | .2 | | | | | | | | | | | | | 24 | 24 | 17 | 2 | | | |
| 46/ 45 | .6 | 2.5 | 1.4 | .2 | .6 | .1 | | | | | | | | | | | | | 47 | 47 | 32 | 15 | | | |
| 44/ 43 | .2 | 3.5 | 3.7 | 1.4 | .2 | | | | | | | | | | | | | | 80 | 81 | 41 | 30 | | | |
| 42/ 41 | 1.6 | 2.0 | 3.6 | 1.7 | .6 | | | | | | | | | | | | | | 84 | 84 | 59 | 39 | | | |
| 4 / 39 | .6 | 2.7 | 3.8 | 1.8 | .6 | | | | | | | | | | | | | | 84 | 84 | 72 | 48 | | | |
| 36/ 37 | 1.7 | 4.1 | 3.6 | 2.3 | .6 | | | | | | | | | | | | | | 108 | 108 | 101 | 56 | | | |
| 26/ 35 | 1.8 | 4.4 | 3.1 | 1.6 | .3 | | | | | | | | | | | | | | 99 | 100 | 104 | 67 | | | |
| 34/ 33 | 1.0 | 5.0 | 3.3 | 1.8 | .5 | | | | | | | | | | | | | | 102 | 102 | 100 | 81 | | | |
| 22/ 31 | .2 | 3.6 | 2.5 | 2.1 | .1 | | | | | | | | | | | | | | 76 | 76 | 90 | 89 | | | |
| 3 / 29 | | 2.4 | 3.4 | 1.2 | | | | | | | | | | | | | | | 62 | 62 | 75 | 72 | | | |
| 28/ 27 | | .8 | 1.5 | .5 | | | | | | | | | | | | | | | 24 | 24 | 58 | 56 | | | |
| 21/ 25 | .3 | .8 | .8 | .5 | | | | | | | | | | | | | | | 21 | 21 | 58 | 60 | | | |
| 24/ 23 | | .2 | .5 | .1 | | | | | | | | | | | | | | | 7 | 7 | 28 | 39 | | | |
| 22/ 21 | | .2 | .5 | .1 | | | | | | | | | | | | | | | 7 | 7 | 10 | 43 | | | |
| 21/ 19 | | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 44 | | | |
| 18/ 17 | | | .5 | | | | | | | | | | | | | | | | 4 | 4 | 6 | 20 | | | |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 33 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 4 | 32 | | |
| 11/ 11 | | | | | | | | | | | | | | | | | | | | | | | 15 | | |
| 1 / 9 | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | 6 | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | 9 | | |
| 1 / -1 | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Element (X) | Σ X' | | | Σ X | | X | | °X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | |
| Ref. Num. | | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) 1-64 REPRODUCED BY THE AIR FORCE

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME
STATION STATION NAME

69-70,73-80

YEARS

APR
MONTH

PAGE 2

0000-0200
H2483 (C. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| TOTAL | 9.7 | 35.5 | 34.5 | 16.8 | 3.8 | .7 | | | | | | | | | | | | 885 | 888 | 885 | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|----------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 56 / 57 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 56 / 55 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | |
| 4 / 53 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 1 | | | |
| 2 / 51 | | .2 | .5 | | .1 | | | | | | | | | | | | | 7 | 7 | | 2 | | | |
| 5 / 49 | .3 | .7 | .9 | .7 | | | | | | | | | | | | | | 23 | 23 | 8 | 5 | | | |
| 4 / 47 | .1 | 1.2 | .9 | .2 | .1 | | | | | | | | | | | | | 23 | 23 | 14 | 4 | | | |
| 4 / 45 | .3 | 2.5 | 1.2 | .1 | .6 | | | | | | | | | | | | | 42 | 42 | 27 | 19 | | | |
| 4 / 43 | .7 | 4.5 | 2.5 | .3 | .1 | | | | | | | | | | | | | 72 | 72 | 51 | 24 | | | |
| 2 / 41 | 1.7 | 2.1 | 3.6 | 1.0 | .2 | | | | | | | | | | | | | 71 | 71 | 57 | 47 | | | |
| 4 / 39 | .5 | 4.2 | 1.7 | 1.6 | .2 | | | | | | | | | | | | | 72 | 73 | 50 | 40 | | | |
| 3 / 37 | 1.1 | 3.4 | 3.0 | 1.6 | .1 | | | | | | | | | | | | | 82 | 82 | 84 | 47 | | | |
| 2 / 35 | 1.5 | 5.6 | 3.7 | 2.1 | .1 | | | | | | | | | | | | | 116 | 116 | 80 | 72 | | | |
| 3 / 33 | 1.4 | 6.1 | 3.8 | 1.5 | .1 | | | | | | | | | | | | | 114 | 114 | 112 | 63 | | | |
| 2 / 31 | .6 | 5.2 | 1.9 | 1.6 | | | | | | | | | | | | | | 82 | 82 | 100 | 88 | | | |
| 2 / 29 | .7 | 2.1 | 3.2 | 1.1 | .1 | | | | | | | | | | | | | 64 | 64 | 96 | 82 | | | |
| 2 / 27 | .1 | 3.2 | 2.0 | .3 | | | | | | | | | | | | | | 50 | 50 | 43 | 63 | | | |
| 2 / 25 | .3 | 1.1 | 1.2 | .1 | | | | | | | | | | | | | | 25 | 25 | 83 | 57 | | | |
| 24 / 23 | | .3 | .6 | .5 | | | | | | | | | | | | | | 12 | 12 | 30 | 30 | | | |
| 2 / 21 | | .3 | .8 | .2 | | | | | | | | | | | | | | 12 | 12 | 13 | 54 | | | |
| 2 / 19 | | | .5 | | | | | | | | | | | | | | | 4 | 4 | 12 | 58 | | | |
| 2 / 17 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 11 | 23 | | | |
| 1 / 15 | .1 | .3 | .2 | | | | | | | | | | | | | | | 6 | 6 | 4 | 22 | | | |
| 1 / 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 25 | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | 2 | 24 | | | |
| 1 / 9 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| 1 / 7 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 1 / 5 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 1 / 3 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| 1 / -1 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| -2 / -3 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -5 / -7 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | 8.8 | 43.8 | 32.7 | 13.0 | 1.8 | | | | | | | | | | | | | 888 | 889 | | 888 | | | |
| Element (X) | Σx ² | | Σx | | Σ | Σ _n | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | |
| Rel. Hum. | 5288811 | | 67169 | | 75.6 | 15.317 | 888 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | |
| Dry Bulb | 1196481 | | 32017 | | 36.5 | 6.991 | 888 | | | 26.5 | | | | | 90 | | | | | | | | | |
| Wet Bulb | 1037397 | | 29669 | | 33.4 | 7.211 | 888 | | | 40.6 | | | | | 90 | | | | | | | | | |
| Dew Point | 815120 | | 25412 | | 28.6 | 9.955 | 888 | | .4 | 57.1 | | | | | 90 | | | | | | | | | |

USAFETAC FORM 0-20-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743927 STATION BRUNSWICK NAS ME

69-70,73-80

YEARS

APR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|-----|-----|--------------------|-------|-----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | |
| 6/ 65 | | | | | .1 | | | | | | | | | | | | | 1 | | | | | 1 | 1 | | | |
| 4/ 63 | | | | | .1 | | | | | | | | | | | | | 1 | | | | | 1 | 1 | | | |
| / 59 | | | | .1 | .5 | .1 | | | | | | | | | | | | 6 | | | | | 6 | 6 | | | |
| 5/ 57 | | | .1 | .5 | .2 | | | | | | | | | | | | | 7 | | | | | 7 | 7 | 1 | | |
| 5/ 55 | | .5 | .3 | .3 | .1 | .1 | | | | | | | | | | | | 12 | | | | | 12 | 12 | 4 | 1 | |
| 4/ 53 | | | .2 | .3 | .1 | .2 | .1 | | | | | | | | | | | 9 | | | | | 9 | 9 | 5 | 2 | |
| 2/ 51 | .1 | .6 | .9 | .3 | .7 | .1 | | .1 | | | | | | | | | | 25 | | | | | 25 | 25 | 12 | 4 | |
| 5/ 49 | .5 | 1.3 | 1.4 | 1.6 | .3 | .7 | | | | | | | | | | | | 50 | | | | | 50 | 50 | 18 | 10 | |
| 4/ 47 | .9 | 1.3 | .3 | .9 | .7 | .1 | | | | | | | | | | | | 37 | | | | | 37 | 37 | 35 | 22 | |
| 4/ 45 | .1 | 3.1 | 1.6 | 2.0 | .7 | .2 | .1 | | | | | | | | | | | 69 | | | | | 69 | 69 | 37 | 24 | |
| 4/ 43 | .7 | 2.8 | 3.3 | 1.5 | 1.1 | .3 | | | | | | | | | | | | 86 | | | | | 86 | 86 | 55 | 42 | |
| 2/ 41 | 1.1 | 3.2 | 2.3 | 1.7 | 1.4 | .2 | | | | | | | | | | | | 87 | | | | | 87 | 87 | 68 | 36 | |
| 4/ 39 | .6 | 2.8 | 2.3 | 2.5 | 1.1 | .1 | | | | | | | | | | | | 83 | | | | | 83 | 83 | 92 | 47 | |
| 3/ 37 | .8 | 4.1 | 2.2 | 1.7 | 1.1 | | | | | | | | | | | | | 87 | | | | | 87 | 87 | 73 | 53 | |
| 3/ 35 | 2.1 | 3.9 | 3.2 | 1.9 | .7 | | | | | | | | | | | | | 103 | | | | | 103 | 103 | 111 | 74 | |
| 3/ 33 | 1.6 | 2.8 | 1.8 | 2.3 | .5 | | | | | | | | | | | | | 79 | | | | | 80 | 80 | 104 | 99 | |
| 2/ 31 | .5 | 2.3 | 1.1 | 2.2 | | | | | | | | | | | | | | 53 | | | | | 53 | 53 | 75 | 71 | |
| 2/ 29 | .5 | .9 | 1.3 | .3 | .1 | | | | | | | | | | | | | 27 | | | | | 27 | 27 | 60 | 56 | |
| 2/ 27 | | 1.4 | 1.1 | .2 | | | | | | | | | | | | | | 24 | | | | | 24 | 24 | 44 | 61 | |
| 2/ 25 | .3 | .6 | .3 | | | | | | | | | | | | | | | 11 | | | | | 11 | 11 | 44 | 49 | |
| 2/ 23 | | .3 | .2 | .1 | | | | | | | | | | | | | | 6 | | | | | 6 | 6 | 15 | 24 | |
| 2/ 21 | | | .3 | .1 | | | | | | | | | | | | | | 4 | | | | | 4 | 4 | 8 | 35 | |
| 2/ 19 | .1 | .3 | .3 | | | | | | | | | | | | | | | 7 | | | | | 7 | 7 | 5 | 47 | |
| 2/ 17 | | | .3 | | | | | | | | | | | | | | | 3 | | | | | 3 | 3 | 6 | 28 | |
| 1/ 15 | | .1 | .1 | | | | | | | | | | | | | | | 2 | | | | | 2 | 2 | 3 | 30 | |
| 1/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 26 | |
| 1/ 11 | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | |
| 1/ 9 | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | |
| / 7 | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
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| / -1 | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| -1/ -3 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Element (X) | Σ X ² | | Σ X | | X | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70, 73-80

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

3600-0800

HOURS (L, S, T,)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74392 BRUNSWICK NAS ME

69-70, 73-80

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 7- / 77 | | | | | | | | .1 | .1 | | | | .1 | | | | | 3 | 3 | | |
| 6 / 75 | | | | | | | .1 | | .1 | | | .1 | | | | | | 3 | 3 | | |
| 4 / 73 | | | | | | | .2 | .1 | .1 | | | | | | | | | 4 | 4 | | |
| 7 / 71 | | | | | | .1 | | .2 | .1 | | | | | | | | | 4 | 4 | | |
| 7 / 69 | | | | | | .1 | .6 | .1 | | .1 | | | | | | | | 8 | 8 | | |
| 6 / 67 | | | | | | | .1 | .1 | .2 | .1 | | | | | | | | 5 | 5 | | |
| 6 / 65 | | | | | | .5 | .2 | .1 | .2 | | | | | | | | | 9 | 9 | | |
| 4 / 63 | | | | .1 | .5 | .5 | | .8 | .5 | .1 | | | | | | | | 21 | 21 | 5 | |
| 7 / 61 | | | .1 | | .5 | .7 | .3 | .3 | .1 | | | | | | | | | 18 | 18 | 2 | |
| 7 / 59 | | .1 | | .3 | .1 | .6 | .7 | .8 | | | | | | | | | | 23 | 24 | 3 | |
| 5 / 57 | | | .3 | .5 | .5 | 1.0 | 1.4 | .7 | | .1 | | | | | | | | 39 | 39 | 13 | 1 |
| 5 / 55 | | .1 | .3 | .8 | .9 | .9 | .7 | .1 | | .1 | | | | | | | | 35 | 35 | 13 | 3 |
| 4 / 53 | | .6 | .5 | .6 | 1.0 | 1.4 | .9 | .5 | .2 | | | | | | | | | 49 | 49 | 21 | 6 |
| 2 / 51 | | .9 | .6 | .6 | 1.5 | 1.5 | 1.1 | .1 | | | | | | | | | | 55 | 55 | 25 | 6 |
| 5 / 49 | .3 | .6 | .5 | 1.4 | 2.6 | 1.2 | .6 | | | | | | | | | | | 63 | 63 | 48 | 31 |
| 4 / 47 | .6 | 1.1 | .8 | 2.3 | 2.6 | .5 | .9 | .1 | | | | | | | | | | 78 | 78 | 49 | 21 |
| 4 / 45 | .1 | 1.0 | 1.6 | 1.6 | 2.1 | 2.0 | 1.2 | | | | | | | | | | | 86 | 86 | 60 | 27 |
| 4 / 43 | .3 | 2.5 | 1.6 | 1.7 | 1.9 | 1.8 | .3 | | | | | | | | | | | 90 | 90 | 73 | 33 |
| 2 / 41 | .2 | 2.4 | 2.1 | 1.8 | 1.6 | 1.1 | .1 | | | | | | | | | | | 83 | 83 | 115 | 35 |
| 4 / 39 | .1 | 1.7 | 1.5 | 1.0 | 2.0 | .8 | | | | | | | | | | | | 63 | 63 | 87 | 43 |
| 3 / 37 | .7 | 2.4 | .9 | 1.2 | 2.0 | .5 | | | | | | | | | | | | 68 | 68 | 96 | 72 |
| 7 / 35 | .5 | 1.1 | .5 | .7 | .9 | | | | | | | | | | | | | 32 | 32 | 100 | 74 |
| 3 / 33 | .9 | 1.0 | | .7 | .2 | .1 | | | | | | | | | | | | 26 | 26 | 68 | 80 |
| 2 / 31 | .1 | | | .5 | | | | | | | | | | | | | | 5 | 5 | 42 | 82 |
| 7 / 29 | | | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 32 | 61 |
| 2 / 27 | .1 | | .2 | | | | | | | | | | | | | | | 3 | 3 | 13 | 54 |
| 7 / 25 | .6 | | .1 | | | | | | | | | | | | | | | 6 | 6 | 13 | 30 |
| 2 / 23 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 3 | 39 |
| 2 / 21 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 1 | 20 |
| 7 / 19 | | | | | | | | | | | | | | | | | | | | 1 | 35 |
| 7 / 17 | | | | | | | | | | | | | | | | | | | | 4 | 32 |
| 1 / 15 | | | | | | | | | | | | | | | | | | | | | 32 |
| 1 / 13 | | | | | | | | | | | | | | | | | | | | | 31 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 15 |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

0900-1100
MORNING (10:00-11:00)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 1 / 9 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 2 / 7 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 3 / 5 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 5 / 1 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 6 / -1 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 7 / -5 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | 4.5 | 15.4 | 11.2 | 16.7 | 21.0 | 15.1 | 9.5 | 4.2 | 1.7 | .6 | | .1 | .1 | | | | | 887 | 888 | 887 | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70, 73-80

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1900

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | | |
|--------------|-------------------------------------|-----|-----|----------------|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|----------|-----------|--------|-------|--|-----|--|--|--|--------------------|-------|--|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | .1 | .2 | .1 | | | .3 | | | | 7 | | | 7 | | | | | | | | | | | | | | |
| 77 | | | | | | | | | .1 | .1 | | | | | | | | 2 | | | 2 | | | | | | | | | | | | | | |
| 75 | | | | | | | | .1 | | | .2 | | | | | | | 3 | | | 3 | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | .2 | .2 | | | | | | | 4 | | | 4 | | | | | | | | | | | | | | |
| 71 | | | | | | | .2 | 1.0 | | .3 | | | | | | | | 14 | | | 14 | | | | | | | | | | | | | | |
| 69 | | | | | | .1 | .1 | .7 | | .2 | .1 | | | | | | | 11 | | | 11 | | | | | | | | | | | | | | |
| 67 | | | | .1 | .3 | .2 | .3 | | .1 | .1 | | | | | | | | 11 | | | 11 | | | | | | | | | | | | | | |
| 65 | | | | | | .1 | .3 | .1 | .2 | | | | | | | | | 7 | | | 7 | | | | | | | | | | | | | | |
| 63 | | | | .1 | .3 | .7 | .5 | .6 | .6 | .1 | | | | | | | | 25 | | | 25 | | | 2 | | | | | | | | | | | |
| 61 | | | .1 | .1 | .6 | 1.1 | 1.0 | 1.3 | .3 | .1 | .5 | | | | | | | 45 | | | 45 | | | 7 | | | | | | | | | | | |
| 59 | | | .1 | .2 | .3 | .9 | .9 | 1.4 | .1 | .1 | | | | | | | | 36 | | | 36 | | | 7 | | | | | | | | | | | |
| 57 | | | | .2 | .9 | 1.4 | .7 | .6 | .5 | | | | | | | | | 37 | | | 37 | | | 16 | | | | | | | | | | | |
| 55 | | .5 | .2 | .9 | .6 | 1.1 | 1.8 | .8 | .1 | | | | | | | | | 53 | | | 53 | | | 22 | | | | | | | | | | | |
| 53 | | .5 | .5 | .6 | .9 | 1.7 | 1.7 | .3 | .2 | | | | | | | | | 56 | | | 56 | | | 26 | | | | | | | | | | | |
| 51 | | .7 | .6 | .6 | 1.9 | .7 | 1.4 | 1.3 | | | | | | | | | | 62 | | | 62 | | | 39 | | | | | | | | | | | |
| 49 | .5 | .6 | 1.3 | 1.5 | 2.4 | 1.6 | 2.3 | .7 | | | | | | | | | | 94 | | | 94 | | | 55 | | | | | | | | | | | |
| 47 | .2 | .6 | .9 | 2.3 | 1.9 | 1.6 | 1.7 | .3 | | | | | | | | | | 84 | | | 84 | | | 58 | | | | | | | | | | | |
| 45 | .1 | 1.3 | .8 | 1.6 | 1.1 | 1.9 | .8 | | | | | | | | | | | 67 | | | 67 | | | 69 | | | | | | | | | | | |
| 43 | .2 | 1.6 | 3.0 | 1.1 | 1.7 | 1.1 | .2 | | | | | | | | | | | 79 | | | 79 | | | 102 | | | | | | | | | | | |
| 41 | | 1.1 | 1.1 | 1.3 | .7 | .9 | .1 | | | | | | | | | | | 46 | | | 46 | | | 92 | | | | | | | | | | | |
| 39 | .5 | 1.9 | .6 | .3 | 1.1 | .5 | .1 | | | | | | | | | | | 44 | | | 44 | | | 95 | | | | | | | | | | | |
| 37 | .9 | .8 | .6 | .5 | 1.1 | .2 | | | | | | | | | | | | 36 | | | 36 | | | 98 | | | | | | | | | | | |
| 35 | 1.1 | .9 | .8 | .5 | | | | | | | | | | | | | | 29 | | | 29 | | | 81 | | | | | | | | | | | |
| 33 | .2 | .8 | .2 | | .1 | | | | | | | | | | | | | 12 | | | 12 | | | 41 | | | | | | | | | | | |
| 31 | | .1 | | .2 | .1 | | | | | | | | | | | | | 4 | | | 4 | | | 38 | | | | | | | | | | | |
| 29 | | .2 | | | .3 | | | | | | | | | | | | | 5 | | | 5 | | | 16 | | | | | | | | | | | |
| 27 | .2 | | | .1 | .1 | | | | | | | | | | | | | 4 | | | 4 | | | 4 | | | | | | | | | | | |
| 25 | .1 | | | | | | | | | | | | | | | | | 1 | | | 1 | | | 4 | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Z _H | | | Z _H | | | H | | | ° _H | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 6 F | ≤ 32 F | ≥ 67 F | ≥ 72 F | ≥ 88 F | ≥ 93 F | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 11 / 11 | | | | | | | | | | | | | | | | | | | | | | 9 | | |
| 10 / 9 | | | | | | | | | | | | | | | | | | | | | | 10 | | |
| 9 / 7 | | | | | | | | | | | | | | | | | | | | | | 6 | | |
| 8 / 5 | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| 7 / 3 | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 6 / 1 | | | | | | | | | | | | | | | | | | | | | | 5 | | |
| 5 / -1 | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| TOTAL | 4.1 | 11.5 | 17.7 | 12.2 | 16.7 | 15.9 | 14.2 | 9.1 | 2.4 | 1.6 | 1.1 | | | | .3 | | | | 878 | | 878 | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70.73-80
YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|----|----------|----------|-----------|----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 77 / 77 | | | | | | | | | | .1 | | | .3 | | | | | 4 | 4 | | | | | | |
| 76 / 75 | | | | | | | | .1 | | .1 | | | | | | | | 2 | 2 | | | | | | |
| 74 / 73 | | | | | | | | | | | .1 | .1 | | | | | | 2 | 2 | | | | | | |
| 72 / 71 | | | | | | .1 | | | | .2 | .1 | | | | | | | 4 | 4 | | | | | | |
| 71 / 69 | | | | | .1 | .1 | .6 | .1 | .5 | | .1 | .1 | | | | | | 14 | 14 | | | | | | |
| 68 / 67 | | | | | | .1 | .5 | .1 | .2 | .2 | | | | | | | | 10 | 10 | | | | | | |
| 66 / 65 | | | | | | .5 | .3 | .1 | .1 | .1 | | | | | | | | 10 | 10 | | | | | | |
| 64 / 63 | | | | | .1 | .5 | .3 | .2 | .5 | | .2 | | | | | | | 16 | 16 | | | | | | |
| 62 / 61 | | | | .2 | .2 | .8 | .6 | .8 | .1 | .3 | .2 | | | | | | | 29 | 29 | 4 | | | | | |
| 61 / 59 | | | .1 | .3 | .3 | .6 | .8 | .6 | | | | | | | | | | 24 | 24 | 2 | | | | | |
| 58 / 57 | | .1 | .2 | .1 | .6 | .7 | 1.1 | .8 | | | | | | | | | | 32 | 32 | 11 | | | | | |
| 56 / 55 | | .1 | .2 | .8 | .8 | .9 | 1.6 | .8 | .1 | | | | | | | | | 47 | 47 | 14 | 2 | | | | |
| 54 / 53 | .1 | .5 | .7 | .7 | .9 | 1.9 | 1.8 | .9 | .7 | | | | | | | | | 72 | 72 | 31 | 3 | | | | |
| 52 / 51 | .1 | .8 | .7 | .8 | 2.1 | .6 | 1.0 | 1.1 | .2 | | | | | | | | | 66 | 66 | 24 | 14 | | | | |
| 50 / 49 | .2 | 1.4 | 1.0 | 1.6 | 2.0 | 1.6 | .8 | .7 | | | | | | | | | | 82 | 82 | 51 | 16 | | | | |
| 46 / 47 | .1 | .6 | 2.1 | 2.6 | 2.1 | 1.2 | .7 | .1 | | | | | | | | | | 85 | 85 | 60 | 24 | | | | |
| 46 / 45 | .7 | 1.1 | 2.1 | 1.9 | 2.6 | 2.0 | .5 | .1 | | | | | | | | | | 98 | 99 | 59 | 36 | | | | |
| 44 / 43 | | 1.7 | 2.1 | 1.9 | 2.0 | 1.1 | .3 | | | | | | | | | | | 82 | 82 | 116 | 31 | | | | |
| 42 / 41 | | 1.2 | 1.5 | 1.5 | 1.4 | .2 | | | | | | | | | | | | 51 | 51 | 102 | 36 | | | | |
| 41 / 39 | .2 | 2.1 | .9 | .9 | 1.0 | .2 | .1 | | | | | | | | | | | 49 | 49 | 102 | 51 | | | | |
| 38 / 37 | 1.4 | 1.5 | .7 | .3 | 1.1 | .1 | | | | | | | | | | | | 45 | 45 | 120 | 74 | | | | |
| 36 / 35 | .6 | 1.2 | .3 | .7 | .6 | .1 | | | | | | | | | | | | 31 | 31 | 79 | 92 | | | | |
| 34 / 33 | .2 | 1.1 | .1 | .5 | .3 | | | | | | | | | | | | | 20 | 20 | 46 | 75 | | | | |
| 32 / 31 | | .3 | | .5 | | | | | | | | | | | | | | 7 | 7 | 29 | 82 | | | | |
| 31 / 29 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 21 | 44 | | | | |
| 28 / 27 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 7 | 60 | | | | |
| 26 / 25 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 5 | 38 | | | | |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | 3 | 48 | | | | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | 25 | | | | |
| 21 / 19 | | | | | | | | | | | | | | | | | | | | | 39 | | | | |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | 30 | | | | |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | 19 | | | | |
| 14 / 13 | | | | | | | | | | | | | | | | | | | | | 10 | | | | |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | | 14 | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Num. | | | | | | | | | | | $\leq 10 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | | | Total | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

APR
MONTH

STATION

STATION NAME

YEARS

MENTAL

1500-1700

MEMBERS (L. S. Y.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|-----|--------------------|-------|----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | .1 | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | | |
| 71/ 69 | | | | | | | | | | .1 | .1 | | | | | | | 2 | | | | | | | | | | | | | | | 2 | | | | |
| 69/ 67 | | | | | | .1 | | | .1 | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | 3 | | | | |
| 66/ 65 | | | | | .1 | | | .1 | | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | | | | |
| 64/ 63 | | | | | | | | .1 | .1 | | | | | | | | | 4 | | | | | | | | | | | | | | | 4 | | | | |
| 62/ 61 | | .1 | | | .3 | .1 | | .2 | .1 | .1 | | | | | | | | 9 | | | | | | | | | | | | | | | 9 | | | | |
| 61/ 59 | | .2 | | .3 | .3 | .2 | .3 | .1 | .2 | .1 | | | | | | | | 17 | | | | | | | | | | | | | | | 17 | 2 | 1 | | |
| 58/ 57 | | .2 | | .5 | .2 | .2 | .1 | .1 | .1 | | | | | | | | | 13 | | | | | | | | | | | | | | | 13 | 3 | 2 | | |
| 56/ 55 | | .2 | .5 | .6 | .5 | .3 | .5 | .2 | | .1 | | | | | | | | 25 | | | | | | | | | | | | | | | 25 | 3 | | | |
| 54/ 53 | | .2 | .3 | .6 | .7 | .6 | .2 | | | | | | | | | | | 23 | | | | | | | | | | | | | | | 23 | 14 | 2 | | |
| 52/ 51 | .1 | .3 | .8 | 1.5 | .7 | .8 | .3 | | | | | | | | | | | 40 | | | | | | | | | | | | | | | 40 | 14 | 8 | | |
| 50/ 49 | .2 | .8 | .9 | 1.6 | 1.2 | 1.0 | .8 | .3 | | | | | | | | | | 61 | | | | | | | | | | | | | | | 61 | 25 | 7 | | |
| 48/ 47 | .1 | 2.4 | 1.5 | 2.9 | 2.5 | 1.0 | .8 | | | | | | | | | | | 99 | | | | | | | | | | | | | | | 99 | 37 | 19 | | |
| 46/ 45 | .3 | 1.9 | 3.2 | 2.2 | 2.3 | .9 | .5 | | | | | | | | | | | 99 | | | | | | | | | | | | | | | 99 | 61 | 24 | | |
| 44/ 43 | .3 | 1.5 | 2.8 | 2.6 | 2.2 | .8 | .2 | | | | | | | | | | | 92 | | | | | | | | | | | | | | | 92 | 74 | 38 | | |
| 42/ 41 | .2 | 2.8 | 4.2 | 3.7 | .9 | .5 | .2 | | | | | | | | | | | 109 | | | | | | | | | | | | | | | 109 | 90 | 35 | | |
| 40/ 39 | .6 | 2.0 | 2.9 | 2.6 | .8 | .3 | | | | | | | | | | | | 82 | | | | | | | | | | | | | | | 82 | 116 | 36 | | |
| 38/ 37 | 1.2 | 2.8 | 1.7 | 2.0 | .9 | .3 | | | | | | | | | | | | 80 | | | | | | | | | | | | | | | 80 | 129 | 80 | | |
| 36/ 35 | 1.1 | 1.4 | .8 | 1.4 | 1.1 | .1 | | | | | | | | | | | | 52 | | | | | | | | | | | | | | | 52 | 122 | 90 | | |
| 34/ 33 | .3 | 1.5 | .5 | 1.2 | .2 | | | | | | | | | | | | | 33 | | | | | | | | | | | | | | | 33 | 71 | 82 | | |
| 32/ 31 | | .5 | 1.1 | .6 | .6 | | | | | | | | | | | | | 24 | | | | | | | | | | | | | | | 24 | 42 | 91 | | |
| 30/ 29 | | | .1 | .2 | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | 3 | 31 | 66 | | |
| 28/ 27 | | | .1 | .2 | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | 3 | 26 | 57 | | |
| 26/ 25 | .3 | | .3 | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | | 6 | 14 | 56 | | |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | 4 | 31 | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 27 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 34 | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Element (X) | Σ X | | | | | Σ | Σ | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | ≤ 6 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-5 (OLA)
USAFETAC

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 1 / -1 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | 5.0 | 18.9 | 21.3 | 25.0 | 15.5 | 7.4 | 4.0 | 1.5 | .7 | .5 | .2 | .1 | | | | | | | 883 | | 883 | | | |
| | | | | | | | | | | | | | | | | | | 883 | | 883 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

69-70, 73-80

APR 19 1968

PAGE 1

ALL

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-------|------|------|-----|------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|-------|-------|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|------|------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 102 | |
| 1 / 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | |
| 1 / 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 1 / 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | |
| 1 / 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 1 / -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| -1 / -3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| -1 / -5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| -1 / -7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | 6.624 | 6.622 | 2.17 | 9.12 | 1.7 | 12.1 | 7.1 | 5.0 | 2.7 | .9 | .5 | .3 | .1 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | 7072 | 7082 | 7072 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743927 BRUNSWICK NAS ME

69-70,73-80

MAY
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|------|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | |
| 72 / 71 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 71 / 69 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | | | | | | | |
| 69 / 67 | | | .1 | | .1 | | | | | | | | | | | | | 2 | 2 | | | | | | | | |
| 66 / 65 | | .1 | | | .1 | .3 | | | | | | | | | | | | 5 | 5 | | | | | | | | |
| 64 / 63 | .1 | .1 | .1 | | | .1 | | | | | | | | | | | | 4 | 4 | 3 | 3 | | | | | | |
| 62 / 61 | | .9 | .2 | .3 | .1 | | | .1 | | | | | | | | | | 15 | 15 | 5 | 1 | | | | | | |
| 61 / 59 | | .3 | .3 | .3 | .1 | .5 | | | | | | | | | | | | 15 | 15 | 9 | 6 | | | | | | |
| 58 / 57 | | 1.8 | 1.1 | 1.1 | .3 | .4 | .2 | | | | | | | | | | | 45 | 46 | 12 | 7 | | | | | | |
| 56 / 55 | .4 | 1.8 | 1.8 | 1.0 | .2 | | | | | | | | | | | | | 47 | 47 | 32 | 19 | | | | | | |
| 54 / 53 | .9 | 4.2 | 2.7 | 1.6 | .2 | | | | | | | | | | | | | 88 | 88 | 43 | 28 | | | | | | |
| 52 / 51 | .9 | 3.4 | 3.2 | 1.3 | .8 | .3 | | | | | | | | | | | | 90 | 90 | 78 | 48 | | | | | | |
| 51 / 49 | 3.3 | 2.6 | 2.8 | 2.0 | .8 | .2 | | | | | | | | | | | | 107 | 108 | 108 | 86 | | | | | | |
| 48 / 47 | .8 | 3.8 | 3.2 | 1.1 | .4 | .1 | .1 | | | | | | | | | | | 87 | 87 | 73 | 67 | | | | | | |
| 46 / 45 | .9 | 5.3 | 5.6 | .5 | .3 | .3 | .1 | | | | | | | | | | | 119 | 119 | 106 | 63 | | | | | | |
| 44 / 43 | .3 | 3.5 | 4.6 | .9 | .5 | .3 | | | | | | | | | | | | 93 | 93 | 105 | 73 | | | | | | |
| 42 / 41 | .5 | 2.5 | 2.3 | 1.3 | .4 | .2 | | | | | | | | | | | | 67 | 67 | 98 | 84 | | | | | | |
| 40 / 39 | .3 | 3.3 | 1.5 | 1.5 | .1 | | | | | | | | | | | | | 62 | 62 | 72 | 103 | | | | | | |
| 38 / 37 | | 1.1 | 1.2 | .9 | | | | | | | | | | | | | | 29 | 29 | 58 | 84 | | | | | | |
| 36 / 35 | | 1.3 | 1.1 | .4 | | | | | | | | | | | | | | 26 | 26 | 46 | 55 | | | | | | |
| 34 / 33 | | .3 | | | .3 | | | | | | | | | | | | | 6 | 6 | 42 | 42 | | | | | | |
| 32 / 31 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 16 | 37 | | | | | | |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | 3 | 28 | | | | | | |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | 3 | 30 | | | | | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | 2 | 14 | | | | | | |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | |
| 14 / 13 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| TOTAL | 8.4 | 36.4 | 32.1 | 14.3 | 4.9 | 3.3 | .4 | .1 | | | | | | | | | | 914 | 916 | | 914 | | | | | | |
| Element (X) | ΣX' | | ΣX | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | |
| Rel. Hum. | 5788135 | | 71513 | | 78.2 | | 14.533 | | 914 | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | | | |
| Dry Bulb | 2140517 | | 43869 | | 47.9 | | 6.574 | | 914 | | | .4 | .5 | | | | | | | | | | | | | | |
| Wet Bulb | 1870782 | | 40900 | | 44.7 | | 6.666 | | 914 | | | 2.4 | | | | | | | | | | | | | | | |
| Dew Point | 1606197 | | 37489 | | 41.7 | | 8.664 | | 914 | | | 14.8 | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| | |
|---------|------------------|
| 71392 | BRUNSWICK NAS ME |
| STATION | STATION NAME |

69-70, 73-87

YEARS

MAY
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME
STATION STATION NAME

69-70, 73-80

YEARS

MAY
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74392
STATION

BRUNSWICK NAS ME

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

[illegible]

PSYCHROMETRIC SUMMARY

MAY

STATION NAME

1200-1400

PHONES (U.S. & I.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70,73-80

MAY

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 89 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | | | | |
| 87 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | |
| 85 | | | | | | | | | | | .1 | .2 | | .1 | | | | 4 | 4 | | | | | |
| 83 | | | | | | | .1 | .1 | | .1 | .1 | | | | | | | 5 | 5 | | | | | |
| 81 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | | | | |
| 79 | | | | | .1 | .5 | .1 | .2 | | .1 | .1 | .1 | | | | | | 12 | 12 | | | | | |
| 77 | | | | | .2 | .2 | | .2 | .3 | | .1 | | | .1 | | | | 11 | 11 | | | | | |
| 75 | | | | | .3 | .2 | .5 | .1 | | .2 | | | | | | | | 13 | 13 | | | | | |
| 73 | | | | .1 | .2 | .3 | .1 | .4 | .4 | .2 | .2 | .2 | | | | | | 21 | 21 | | | | | |
| 71 | | | .1 | .1 | .2 | .5 | .8 | .5 | .7 | .8 | .1 | .1 | .1 | | | | | 37 | 37 | 6 | | | | |
| 69 | | | | | .2 | 1.0 | .7 | .5 | .3 | .5 | .1 | .1 | .1 | | | | | 33 | 33 | 7 | 1 | | | |
| 67 | | | .1 | .5 | .3 | .9 | .9 | .7 | .4 | .7 | .2 | | | | | | | 43 | 43 | 10 | 2 | | | |
| 65 | | | .3 | .9 | 1.2 | 1.3 | .8 | .1 | .8 | .2 | .1 | | | | | | | 52 | 52 | 9 | 3 | | | |
| 63 | | .3 | .3 | 1.2 | 1.3 | 1.4 | .8 | 1.9 | .2 | .2 | | | | | | | | 70 | 70 | 23 | 12 | | | |
| 61 | .3 | .5 | .7 | 1.4 | 1.4 | 1.0 | .9 | 1.3 | 1.2 | .4 | .1 | | | | | | | 85 | 85 | 25 | 10 | | | |
| 59 | .5 | .5 | 1.3 | .8 | 1.2 | 1.7 | 1.5 | 1.4 | | .1 | | | | | | | | 79 | 79 | 50 | 14 | | | |
| 57 | .5 | 1.4 | 1.0 | .8 | 2.2 | 1.9 | .5 | 1.0 | | | | | | | | | | 85 | 85 | 71 | 26 | | | |
| 55 | .4 | 1.9 | 2.0 | .9 | 1.4 | 1.3 | .7 | .7 | .3 | | | | | | | | | 87 | 87 | 82 | 38 | | | |
| 53 | .2 | 1.1 | 1.2 | 1.4 | 1.2 | .1 | .4 | .1 | .3 | | | | | | | | | 56 | 56 | 93 | 54 | | | |
| 51 | .3 | 1.5 | 1.7 | 1.5 | 2.2 | .2 | .3 | | | | | | | | | | | 72 | 72 | 88 | 62 | | | |
| 49 | .2 | 1.1 | 1.7 | 1.9 | .4 | .4 | | | | | | | | | | | | 53 | 53 | 108 | 79 | | | |
| 47 | | 1.2 | 1.0 | 1.1 | .4 | .4 | | | | | | | | | | | | 38 | 40 | 106 | 50 | | | |
| 45 | | 1.7 | .7 | .4 | .2 | | | | | | | | | | | | | 28 | 28 | 89 | 59 | | | |
| 43 | | 2.1 | .2 | | | | | | | | | | | | | | | 21 | 21 | 80 | 73 | | | |
| 41 | | .8 | | | | | | | | | | | | | | | | 7 | 7 | 41 | 90 | | | |
| 39 | | | | | | | | | | | | | | | | | | | | 21 | 68 | | | |
| 37 | | | | | | | | | | | | | | | | | | | | 6 | 64 | | | |
| 35 | | | | | | | | | | | | | | | | | | | | | 44 | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | 43 | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | 31 | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | 24 | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | 19 | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | 16 | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | 11 | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 8-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 21 / 19 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 14 / 13 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 11 / 9 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | 2.1 | 14.2 | 12.3 | 13.0 | 14.9 | 13.6 | 9.1 | 9.3 | 5.1 | 3.6 | 1.5 | .9 | .3 | .1 | | | | 915 | 917 | 915 | | | | |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

743925
STATION

BRUNSWICK NAS ME

69-70, 73-80

HA Y

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1600-2000

1955 1956

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 66/ 85 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | |
| 62/ 81 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | |
| 61/ 79 | | | | | | | | | | .1 | .1 | | | | | | | 2 | 2 | | | | | |
| 78/ 77 | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | | | | |
| 76/ 75 | | | | | | .1 | | | | .3 | | | | | | | | 4 | 4 | | | | | |
| 74/ 73 | | | | | .1 | .2 | | .2 | .1 | | | | | | | | | 8 | 8 | | | | | |
| 72/ 71 | | | .1 | .2 | | .1 | .1 | .1 | .1 | | | | | | | | | 7 | 7 | | | | | |
| 71/ 69 | | | .1 | .3 | .3 | .1 | .2 | .4 | .1 | | | | | | | | | 15 | 15 | | | | | |
| 68/ 67 | | .2 | .4 | .3 | .3 | .3 | .3 | .3 | .1 | .3 | | .1 | | | | | | 26 | 26 | 3 | | | | |
| 66/ 65 | | | .4 | .4 | .5 | .3 | .7 | .1 | .4 | | .1 | | | | | | | 28 | 28 | 8 | | | | |
| 64/ 63 | | .3 | .1 | .4 | 1.0 | .1 | .4 | .1 | .2 | .1 | | | | | | | | 26 | 26 | 11 | | | | |
| 62/ 61 | | .5 | .9 | 1.6 | 1.1 | .5 | .4 | .2 | | .1 | | | | | | | | 50 | 50 | 18 | | | | |
| 60/ 59 | | 1.0 | 1.4 | 1.6 | .7 | 1.1 | .4 | .5 | .1 | .1 | | | | | | | | 64 | 64 | 20 | | | | |
| 58/ 57 | .3 | .8 | 1.3 | 1.9 | .9 | 1.2 | 1.1 | .3 | .1 | | | | | | | | | 72 | 72 | 48 | | | | |
| 56/ 55 | .5 | 2.5 | 2.5 | 2.0 | 1.3 | 1.7 | 1.2 | .3 | .2 | | | | | | | | | 113 | 113 | 65 | | | | |
| 54/ 53 | .4 | 2.1 | 2.1 | 2.7 | 1.6 | 1.1 | .3 | .1 | | | | | | | | | | 96 | 96 | 72 | | | | |
| 52/ 51 | 1.0 | 2.9 | 2.7 | 3.2 | 1.3 | .7 | .5 | .3 | .2 | | | | | | | | | 118 | 118 | 89 | | | | |
| 50/ 49 | 1.1 | 1.5 | 2.5 | 2.6 | 1.0 | .4 | .3 | | | | | | | | | | | 87 | 87 | 111 | | | | |
| 48/ 47 | | 2.7 | 2.1 | 2.3 | .4 | .3 | .1 | | | | | | | | | | | 73 | 74 | 107 | | | | |
| 46/ 45 | | 2.2 | 2.2 | .9 | .4 | .1 | | | | | | | | | | | | 53 | 53 | 119 | | | | |
| 44/ 43 | | 3.1 | 1.0 | .5 | .3 | | | | | | | | | | | | | 45 | 45 | 105 | | | | |
| 42/ 41 | .4 | .5 | .8 | .2 | .2 | .1 | | | | | | | | | | | | 21 | 21 | 70 | | | | |
| 40/ 39 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 39 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 20 | | | | |
| 36/ 35 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

MAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------|-------|-----|------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|--|--------|--|--|--------|--|--|--------|--|--|--------|-----|-----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | .1 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | | |
| 72/ 71 | | | | | | .2 | .3 | | | | | | | | | | | 5 | | | | | | | | | | | | | | | 5 | | | | |
| 70/ 69 | | | | | | | .2 | .2 | | | | | | | | | | 4 | | | | | | | | | | | | | | | 4 | | | | |
| 68/ 67 | | | .1 | | .1 | | | | | .1 | | | | | | | | 3 | | | | | | | | | | | | | | | 3 | | | | |
| 66/ 65 | .1 | .4 | .3 | .2 | | .1 | .3 | | .1 | | | | | | | | | 15 | 15 | | | | | | | | | | | | | 15 | 3 | 3 | | | |
| 64/ 63 | | .2 | .4 | .5 | .5 | .1 | .1 | | .1 | | | | | | | | | 19 | 19 | | | | | | | | | | | | | 19 | 3 | 2 | | | |
| 62/ 61 | | .2 | .7 | .3 | .2 | .3 | | .1 | | | | | | | | | | 17 | 17 | | | | | | | | | | | | | 17 | 10 | 1 | | | |
| 60/ 59 | .1 | .4 | 1.7 | .4 | .3 | .1 | .1 | | | | | | | | | | | 30 | 30 | | | | | | | | | | | | | 30 | 15 | 8 | | | |
| 58/ 57 | .3 | 1.4 | 1.2 | 1.2 | .8 | .3 | .1 | | | | | | | | | | | 49 | 49 | | | | | | | | | | | | | 49 | 26 | 12 | | | |
| 56/ 55 | .4 | 3.7 | 1.9 | 1.7 | .5 | .3 | .2 | .1 | | | | | | | | | | 82 | 82 | | | | | | | | | | | | | 82 | 43 | 26 | | | |
| 54/ 53 | .7 | 2.8 | 2.3 | 1.3 | 2.4 | .2 | .2 | | | | | | | | | | | 91 | 91 | | | | | | | | | | | | | 91 | 66 | 45 | | | |
| 52/ 51 | 1.1 | 3.2 | 3.6 | 2.7 | .7 | .5 | | | | | | | | | | | | 108 | 108 | | | | | | | | | | | | | 108 | 72 | 53 | | | |
| 50/ 49 | 2.3 | 3.7 | 3.6 | 2.4 | 1.2 | .5 | .3 | | | | | | | | | | | 129 | 129 | | | | | | | | | | | | | 129 | 112 | 85 | | | |
| 48/ 47 | | 3.3 | 4.5 | 2.6 | .7 | .1 | .3 | | | | | | | | | | | 105 | 106 | | | | | | | | | | | | | 106 | 94 | 57 | | | |
| 46/ 45 | .3 | 3.5 | 4.7 | 1.4 | .7 | .7 | .1 | | | | | | | | | | | 104 | 105 | | | | | | | | | | | | | 105 | 115 | 80 | | | |
| 44/ 43 | .3 | 3.2 | 1.5 | .4 | .5 | .1 | | | | | | | | | | | | 56 | 56 | | | | | | | | | | | | | 56 | 114 | 64 | | | |
| 42/ 41 | .4 | 2.2 | 1.9 | 1.1 | .3 | | | | | | | | | | | | | 54 | 54 | | | | | | | | | | | | | 54 | 101 | 96 | | | |
| 40/ 39 | .2 | 1.4 | .5 | .7 | .2 | .1 | | | | | | | | | | | | 29 | 29 | | | | | | | | | | | | | 29 | 53 | 113 | | | |
| 38/ 37 | | .5 | | .3 | | .1 | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | | | 9 | 41 | 70 | | | |
| 36/ 35 | | .2 | | | .1 | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | 3 | 30 | 63 | | | |
| 34/ 33 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | 2 | 9 | 31 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 30 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 19 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 14 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 6.3 | 30.7 | 29.0 | 17.5 | 9.3 | 3.9 | 2.5 | .4 | .2 | .1 | | | | | | | | 915 | 915 | | | | | | | | | | | | | 915 | 915 | 915 | | | |
| Element (X) | Σx' | | | Σx | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | |
| Ref. Hum. | 5377330 | | | 68556 | | | 74.9 | | | 16.231 | | | 915 | | | Σ 0 F | | | Σ 32 F | | | Σ 64 F | | | Σ 72 F | | | Σ 80 F | | | Σ 92 F | | | Total | | | |
| Dry Bulb | 2375518 | | | 46294 | | | 50.5 | | | 6.475 | | | 917 | | | | | | | | | 1.3 | | | .1 | | | | | | | | | 93 | | | |
| Wet Bulb | 2022682 | | | 42634 | | | 46.6 | | | 6.291 | | | 915 | | | | | | | | | .8 | | | | | | | | | | | | 93 | | | |
| Dew Point | 1697118 | | | 38620 | | | 42.2 | | | 8.566 | | | 915 | | | | | | 10.8 | | | | | | | | | | | | | | | 93 | | | |

USAFETAC FORM 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 92 / 91 | | | | | | | | | | | .0 | | | | | | | 2 | 2 | | | | | | | | | | | | | |
| 91 / 89 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 88 / 87 | | | | | | | | | | .0 | | .0 | | | .0 | | | 5 | 5 | | | | | | | | | | | | | |
| 86 / 85 | | | | | | | | | .0 | | .0 | .1 | .1 | | .0 | | | 14 | 14 | | | | | | | | | | | | | |
| 84 / 83 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | 14 | 14 | | | | | | | | | | | | | |
| 82 / 81 | | | | | .0 | .1 | .0 | .1 | .0 | .0 | .0 | | | | | | | 18 | 18 | | | | | | | | | | | | | |
| 80 / 79 | | | | | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | 25 | 25 | | | | | | | | | | | | | |
| 78 / 77 | | | | | .1 | .1 | .1 | .0 | .2 | .0 | .0 | | | | .0 | | | 38 | 38 | | | | | | | | | | | | | |
| 76 / 75 | | | | .0 | .1 | .1 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | 57 | 57 | 2 | | | | | | | | | | | | |
| 74 / 73 | | | | .1 | .1 | .2 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | 68 | 68 | 6 | | | | | | | | | | | | |
| 72 / 71 | | | .1 | .1 | .1 | .3 | .4 | .2 | .3 | .0 | .0 | .0 | .0 | | | | | 127 | 127 | 20 | | | | | | | | | | | | |
| 70 / 69 | | | .0 | .1 | .2 | .4 | .4 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | 133 | 133 | 24 | | | | | | | | | | | | |
| 68 / 67 | .0 | .1 | .1 | .3 | .3 | .4 | .5 | .3 | .2 | .2 | .0 | .0 | | | | | | 178 | 178 | 36 | | | | | | | | | | | | |
| 66 / 65 | .0 | .1 | .2 | .4 | .5 | .6 | .7 | .2 | .4 | .0 | .1 | .0 | | | | | | 234 | 234 | 48 | | | | | | | | | | | | |
| 64 / 63 | .1 | .2 | .2 | .5 | .7 | .7 | .5 | .4 | .2 | .1 | .0 | | | | | | | 266 | 266 | 86 | | | | | | | | | | | | |
| 62 / 61 | .1 | .4 | .6 | .8 | .7 | .5 | .5 | .5 | .3 | .1 | .0 | | | | | | | 318 | 318 | 137 | | | | | | | | | | | | |
| 60 / 59 | .1 | .7 | 1.0 | .8 | .8 | .9 | .7 | .6 | .2 | .0 | | | | | | | | 421 | 422 | 206 | | | | | | | | | | | | |
| 58 / 57 | .3 | 1.3 | 1.2 | 1.2 | 1.0 | 1.0 | .6 | .5 | .1 | | | | | | | | | 532 | 533 | 311 | | | | | | | | | | | | |
| 56 / 55 | .6 | 2.1 | 1.9 | 1.4 | 1.0 | 1.0 | .4 | .3 | .1 | | | | | | | | | 645 | 646 | 464 | | | | | | | | | | | | |
| 54 / 53 | .7 | 2.4 | 2.0 | 1.5 | 1.4 | .4 | .4 | .1 | .1 | | | | | | | | | 648 | 649 | 596 | | | | | | | | | | | | |
| 52 / 51 | .8 | 2.4 | 2.7 | 1.6 | 1.2 | .5 | .2 | .1 | .1 | | | | | | | | | 699 | 699 | 681 | | | | | | | | | | | | |
| 50 / 49 | 1.3 | 2.5 | 2.4 | 1.9 | .8 | .4 | .2 | .0 | | | | | | | | | | 694 | 695 | 802 | | | | | | | | | | | | |
| 48 / 47 | .5 | 2.3 | 2.3 | 1.3 | .5 | .4 | .1 | .0 | | | | | | | | | | 540 | 545 | 794 | | | | | | | | | | | | |
| 46 / 45 | .4 | 3.2 | 2.6 | .7 | .3 | .2 | .1 | | | | | | | | | | | 539 | 540 | 807 | | | | | | | | | | | | |
| 44 / 43 | .3 | 3.0 | 1.5 | .4 | .2 | .1 | | | | | | | | | | | | 400 | 400 | 776 | | | | | | | | | | | | |
| 42 / 41 | .4 | 1.6 | 1.0 | .6 | .2 | .1 | .0 | | | | | | | | | | | 280 | 281 | 560 | | | | | | | | | | | | |
| 40 / 39 | .2 | 1.1 | .6 | .5 | .1 | .0 | | | | | | | | | | | | 175 | 175 | 342 | | | | | | | | | | | | |
| 38 / 37 | .1 | .4 | .4 | .3 | | .0 | | | | | | | | | | | | 88 | 89 | 224 | | | | | | | | | | | | |
| 36 / 35 | .0 | .7 | .5 | .1 | .0 | .0 | | | | | | | | | | | | 94 | 94 | 154 | | | | | | | | | | | | |
| 34 / 33 | .0 | .2 | .1 | .0 | .1 | | | | | | | | | | | | | 28 | 29 | 140 | | | | | | | | | | | | |
| 32 / 31 | | .1 | .1 | | .0 | | | | | | | | | | | | | 14 | 14 | 52 | | | | | | | | | | | | |
| 30 / 29 | | . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 6 / 85 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | | | | |
| 7 / 83 | | | | | | | | .2 | | | | | | | | | | 2 | 2 | | | | | |
| 8 / 81 | | | | | | | .2 | .1 | | | | | | | | | | 3 | 3 | | | | | |
| 9 / 79 | | | | .1 | | .1 | .1 | | | | | | | | | | | 3 | 3 | | | | | |
| 10 / 77 | | | .1 | .1 | .5 | .5 | .2 | | | | | | | | | | | 12 | 12 | | | | | |
| 11 / 75 | | | | .3 | .2 | .8 | .6 | | | | | | | | | | | 17 | 17 | 1 | | | | |
| 12 / 73 | | | .2 | .5 | .2 | .8 | .1 | .1 | .1 | | | | | | | | | 18 | 18 | 3 | | | | |
| 13 / 71 | | .2 | .2 | .2 | .7 | .7 | | | | | | | | | | | | 18 | 18 | 7 | | | | |
| 14 / 69 | .2 | .3 | .9 | 1.4 | .8 | .9 | .3 | .1 | | | | | | | | | | 44 | 44 | 15 | | | | |
| 15 / 67 | | .7 | .9 | 1.6 | 1.0 | .7 | .5 | .1 | | | | | | | | | | 48 | 48 | 17 | | | | |
| 16 / 65 | .2 | 1.6 | 1.7 | 1.5 | 1.0 | .6 | .3 | .1 | | | | | | | | | | 62 | 62 | 31 | | | | |
| 17 / 63 | .3 | 5.0 | 1.5 | 2.1 | 1.2 | .9 | .5 | .1 | | | | | | | | | | 103 | 104 | 72 | | | | |
| 18 / 61 | .2 | 4.7 | 2.8 | 2.6 | 1.7 | .9 | .1 | | | | | | | | | | | 116 | 116 | 91 | | | | |
| 19 / 59 | .9 | 3.2 | 2.9 | 2.1 | .8 | 1.1 | .1 | | | | | | | | | | | 99 | 99 | 96 | | | | |
| 20 / 57 | 1.4 | 4.4 | 4.0 | 1.9 | .7 | .1 | | | | | | | | | | | | 110 | 110 | 107 | | | | |
| 21 / 55 | 1.6 | 4.3 | 1.4 | 1.5 | .9 | .1 | | | | | | | | | | | | 86 | 86 | 126 | | | | |
| 22 / 53 | .6 | 2.9 | 2.5 | .6 | .3 | | | | | | | | | | | | | 61 | 62 | 114 | | | | |
| 23 / 51 | .9 | 1.6 | .9 | .5 | .6 | .1 | | | | | | | | | | | | 40 | 40 | 77 | | | | |
| 24 / 49 | .7 | 1.0 | .3 | .7 | .1 | | | | | | | | | | | | | 25 | 25 | 68 | | | | |
| 25 / 47 | | .5 | .3 | .1 | | | | | | | | | | | | | | 8 | 8 | 27 | | | | |
| 26 / 45 | | .3 | .1 | .2 | .1 | | | | | | | | | | | | | 7 | 7 | 19 | | | | |
| 27 / 43 | | | | | | | | | | | | | | | | | | | | 7 | | | | |
| 28 / 41 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 3 | | | | |
| 29 / 39 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 30 / 37 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 31 / 35 | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| 32 / 33 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 33 / 31 | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 34 / 29 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| TOTAL | 7.0 | 30.7 | 20.9 | 18.1 | 10.8 | 8.5 | 3.3 | .6 | .1 | | | | | | | | | 885 | 887 | 885 | | | | |

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONIN

PAGE 1

0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 91 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | |
| 89 | | | | | | | | .2 | | .1 | | | | | | | | 3 | 3 | | | | | |
| 87 | | | | | | | | .2 | .1 | .1 | | | | | | | | 7 | 7 | | | | | |
| 85 | | | | | | | | .7 | .6 | .3 | .1 | | | | | | | 15 | 15 | | | | | |
| 83 | | | | | | .1 | .9 | .3 | .1 | | | | | | | | | 13 | 13 | | | | | |
| 81 | | | | .1 | | .5 | .7 | .9 | .1 | .1 | | | | | | | | 21 | 21 | | | | | |
| 79 | | | | .2 | .2 | 1.0 | .6 | .2 | .7 | .1 | | | | | | | | 27 | 28 | | | | | |
| 77 | | | | | .8 | .5 | .7 | .8 | .3 | .3 | .3 | | | | | | | 33 | 33 | | | | | |
| 75 | | | | .6 | .9 | 1.6 | 1.2 | .9 | .3 | | .1 | | | | | | | 50 | 50 | 6 | | | | |
| 73 | | .1 | .1 | 1.2 | .7 | 1.5 | .8 | 1.0 | .9 | .3 | | | | | | | | 59 | 59 | 14 | | | | |
| 71 | | .2 | .8 | .7 | 1.4 | 1.7 | .9 | .6 | 1.0 | .2 | .1 | | | | | | | 67 | 67 | 22 | | | | |
| 69 | | .6 | .7 | 1.4 | 1.5 | 1.6 | .8 | .7 | .5 | .2 | | | | | | | | 69 | 69 | 46 | | | | |
| 67 | | .7 | 1.8 | 1.2 | 1.5 | 2.6 | 1.6 | .8 | .6 | .1 | | | | | | | | 96 | 96 | 47 | | | | |
| 65 | .1 | 1.6 | 1.7 | 1.8 | 2.3 | 1.6 | 1.4 | 1.0 | .6 | | | | | | | | | 106 | 106 | 63 | | | | |
| 63 | .2 | 1.6 | 1.5 | 2.1 | 1.5 | 1.1 | 1.0 | .9 | .2 | | | | | | | | | 90 | 90 | 87 | | | | |
| 61 | .2 | 1.6 | .9 | 1.6 | .8 | .3 | .5 | | | | | | | | | | | 52 | 52 | 95 | | | | |
| 59 | .6 | 2.3 | 1.0 | 1.1 | .6 | .2 | .1 | .2 | | | | | | | | | | 54 | 54 | 112 | | | | |
| 57 | 1.0 | 2.9 | 1.2 | .5 | .2 | .2 | .1 | .1 | | | | | | | | | | 56 | 56 | 117 | | | | |
| 55 | .5 | 1.5 | .8 | .1 | .1 | .2 | .1 | | | | | | | | | | | 29 | 29 | 95 | | | | |
| 53 | .1 | .7 | .5 | .1 | | .1 | .2 | | | | | | | | | | | 15 | 15 | 86 | | | | |
| 51 | .3 | .5 | .1 | .1 | | .1 | | | | | | | | | | | | 10 | 10 | 40 | | | | |
| 49 | .6 | .3 | .1 | .1 | | | | | | | | | | | | | | 10 | 10 | 31 | | | | |
| 47 | | | .3 | | | .1 | | | | | | | | | | | | 4 | 4 | 11 | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | 7 | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 37 | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_X | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|------|--|--|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 | | |

PSYCHROMETRIC SUMMARY

743927
STATION

BRUNSWICK NAS ME

69-70, 73-80

JUN
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 2 1200-1400

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1500-1700
HOURS (L. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

| | |
|---------------|-------------------------|
| <u>743920</u> | <u>BRUNSWICK NAS ME</u> |
| STATION | STATION NAME |

69-70, 73-80

YEARS

JUN
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

2100-2300

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|--------------|-------------------------|
| <u>74392</u> | <u>BRUNSWICK NAS ME</u> |
| STATION | STATION NAME |

69-70, 73-80

YEARS

JUN
MONTH

PAGE 1

ALL

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

69-73, 73-83

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

AD-A116 100 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BRUNSWICK NAS, MAINE. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (11)
JUN 82

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BRUNSWICK NAS, MAINE. REVISED UNIFORM SUMMARY OF SURFACE WEATHE--ETC (1)
JUN 82

UNCLASSIFIED USAFETAC/DS-82/032 SBI-AD-E850 177 NL

UNCLASSIFIED USAFETAC/DS-82/032 SBI-AD-E850 177 NL

UNCLASSIFIED USAFETAC/DS-82/032 SBI-AD-E850 177 NL

5

6

5

0

16

AD

A

116100



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

USAFETAC FORM 9-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEAR

JUL
1957

PAGE 1 0600-0800
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 94/ 93 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | | | | | |
| 92/ 91 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | |
| 90/ 89 | | | | | .2 | .1 | .1 | .1 | .1 | .2 | | | | | | | | 8 | 8 | | | | | | |
| 88/ 87 | | | | | | .4 | .5 | .1 | .3 | .2 | | | | | | | | 15 | 15 | | | | | | |
| 86/ 85 | | | | | .4 | .8 | .7 | .7 | .2 | .2 | | | | | | | | 27 | 28 | | | | | | |
| 84/ 83 | | | | .3 | .2 | .3 | .7 | .4 | .5 | .2 | .1 | | | | | | | 26 | 26 | 2 | | | | | |
| 82/ 81 | | .1 | .1 | .4 | .9 | 1.9 | 1.2 | .9 | .7 | .1 | | | | | | | | 57 | 57 | 1 | | | | | |
| 80/ 79 | | .3 | .2 | .2 | .7 | 1.2 | 1.4 | 1.9 | 1.0 | .4 | | | | | | | | 67 | 67 | 4 | 3 | | | | |
| 78/ 77 | | .3 | .1 | .8 | 2.6 | 1.0 | 1.7 | 2.2 | 1.6 | .1 | | | | | | | | 90 | 90 | 19 | 4 | | | | |
| 76/ 75 | | .1 | 1.0 | 2.0 | 1.3 | 1.5 | 1.5 | .9 | .3 | .2 | .1 | | | | | | | 82 | 82 | 21 | 10 | | | | |
| 74/ 73 | | .7 | 1.3 | 1.2 | 1.4 | 1.9 | 1.5 | .9 | .8 | .1 | | | | | | | | 89 | 89 | 31 | 16 | | | | |
| 72/ 71 | .1 | 1.1 | 1.3 | 1.4 | 2.8 | 1.2 | 1.6 | .8 | .7 | .4 | | | | | | | | 105 | 105 | 77 | 25 | | | | |
| 70/ 69 | .2 | 1.5 | 2.1 | 1.6 | 1.3 | 1.4 | 1.6 | .8 | .2 | | | | | | | | | 99 | 99 | 103 | 46 | | | | |
| 68/ 67 | 1.0 | 2.2 | 2.3 | 1.7 | 1.2 | 1.1 | .8 | .9 | .4 | | | | | | | | | 106 | 106 | 89 | 89 | | | | |
| 66/ 65 | .7 | 2.2 | .2 | 1.5 | .4 | .9 | .3 | .1 | .1 | | | | | | | | | 59 | 59 | 142 | 84 | | | | |
| 64/ 63 | .2 | 3.1 | 2.1 | .9 | .3 | .1 | .1 | .1 | | | | | | | | | | 63 | 63 | 136 | 84 | | | | |
| 62/ 61 | .1 | .9 | .5 | .1 | | .2 | | | | | | | | | | | | 17 | 17 | 105 | 91 | | | | |
| 60/ 59 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 86 | 93 | | | | |
| 58/ 57 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 50 | 93 | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 27 | 76 | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | 1 | 17 | 48 | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 5 | 41 | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 34 | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 25 | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 20 | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 8 | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| TOTAL | 2.3 | 12.9 | 11.3 | 12.2 | 13.8 | 14.1 | 13.8 | 10.6 | 6.4 | 2.3 | .2 | | | | | | | 917 | 919 | 917 | 917 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x' | | Σ x | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | |
| Rel. Hum. | 4184169 | | 59751 | | 65.2 | | 17.8 | | 917 | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total | | |
| Dry Bulb | 4964305 | | 67275 | | 73.2 | | 6.557 | | 919 | | | | | | 78.3 | | 67.0 | | 16.7 | | .1 | | 93 | | |
| Wet Bulb | 3918743 | | 59729 | | 65.1 | | 5.557 | | 917 | | | | | | 35.2 | | 7.9 | | .4 | | | | 93 | | |
| Dew Point | 3342121 | | 54885 | | 59.9 | | 7.895 | | 917 | | | | | | 19.8 | | 3.3 | | .2 | | | | 93 | | |

FORM 0-26-5 (OLA) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743923 BRUNSWICK NAS ME

69-70.73-80

JUL
MONTH

PAGE 1 1200-1800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|-------|-----|------|------|--------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--------------------|-------|----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 94/ 93 | | | | | | | | .1 | .1 | | | | | | | | | 2 | 2 | | | | | | |
| 92/ 91 | | | | | | | .2 | .2 | | | .2 | | | | | | | 12 | 12 | | | | | | |
| 90/ 89 | | | | | .1 | .2 | .2 | .3 | .3 | .4 | .2 | .1 | | | | | | 18 | 18 | | | | | | |
| 88/ 87 | | | | | .2 | .4 | .4 | .7 | .7 | .3 | .2 | | | | | | | 33 | 33 | | | | | | |
| 86/ 85 | | | | | .2 | .5 | .5 | .9 | .9 | .5 | .1 | .1 | | | | | | 30 | 30 | | | | | | |
| 84/ 83 | | | | | .4 | .9 | 1.0 | 1.0 | 1.0 | .7 | .3 | | | | | | | 55 | 55 | | | | | | |
| 82/ 81 | | .4 | .2 | .2 | .9 | 1.1 | 1.5 | 2.2 | 1.6 | .9 | .8 | | | | | | | 87 | 87 | | | 3 | | | |
| 80/ 79 | | .3 | .3 | .7 | 1.4 | 2.3 | 1.4 | 2.6 | 2.2 | 1.1 | .3 | | | | | | | 118 | 118 | | | 19 | 3 | | |
| 78/ 77 | | .1 | .1 | 1.0 | 1.5 | 1.5 | 1.2 | 1.6 | .9 | .1 | .8 | | | | | | | 78 | 78 | | | 21 | 8 | | |
| 76/ 75 | | | .7 | 1.5 | 1.1 | 2.2 | 1.8 | 1.3 | 1.3 | 1.0 | .4 | | | | | | | 103 | 103 | | | 30 | 8 | | |
| 74/ 73 | | .1 | .9 | 1.2 | 1.3 | .8 | 1.5 | 1.6 | .9 | .2 | | | | | | | | 78 | 78 | | | 46 | 22 | | |
| 72/ 71 | | 1.2 | .9 | 1.1 | 1.8 | 1.4 | .7 | 1.0 | 1.2 | | | | | | | | | 84 | 84 | | | 76 | 25 | | |
| 70/ 69 | .1 | 1.6 | 1.3 | 1.1 | 1.0 | .9 | 1.0 | .4 | .3 | | | | | | | | | 71 | 72 | | | 112 | 63 | | |
| 68/ 67 | .1 | 1.9 | 1.1 | .8 | .4 | .8 | .5 | .3 | .1 | | | | | | | | | 56 | 56 | | | 112 | 63 | | |
| 66/ 65 | .1 | 1.3 | 1.2 | .7 | .1 | | .2 | .1 | .1 | | | | | | | | | 35 | 35 | | | 132 | 71 | | |
| 64/ 63 | .4 | 2.3 | .4 | .9 | | | | | | | | | | | | | | 37 | 37 | | | 116 | 88 | | |
| 62/ 61 | .1 | 1.0 | .4 | .1 | | | | | | | | | | | | | | 15 | 15 | | | 104 | 100 | | |
| 60/ 59 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | | | 66 | 97 | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 53 | 74 | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 19 | 82 | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 6 | 44 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 2 | 39 | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | 43 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | 21 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | 15 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | 19 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | 18 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | 9 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 1.0 | 10.4 | 7.7 | 9.2 | 10.5 | 13.2 | 12.7 | 15.1 | 11.7 | 4.9 | 3.2 | .4 | | | | | | 914 | 915 | | | 914 | 914 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (K) | Σ R ² | | Σ R | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | |
| Rel. Hum. | 3587428 | | 54758 | | 59.9 | | 10.344 | | 914 | | ± 0 F | | ± 22 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 90 F | | Total | | |
| Dry Bulb | 5315864 | | 69454 | | 75.9 | | 6.929 | | 914 | | | | 84.0 | | 62.4 | | 31.4 | | .2 | | | | 93 | | |
| Wet Bulb | 4018930 | | 60396 | | 66.1 | | 5.561 | | 914 | | | | | | 42.1 | | 11.6 | | 1.0 | | | | 93 | | |
| Dew Point | 3326292 | | 54637 | | 59.8 | | 5.121 | | 914 | | | | 19.5 | | 4.2 | | | | | | | | 93 | | |

USAFETAC FORM 0-26-5 (OL A) BRUNSWICK NAS ME

PSYCHROMETRIC SUMMARY

77

JUL
1964

PAGE 1 1500-1700
MMW (1-1-71)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70.73-80
YEARS

JUL
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.S./W.B. | TOTAL | | | |
|--------------|-------------------------------------|------|-------|------|------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|------|--|------|--------------------|----------|-----------|------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | | | | | Dry Bulb | Wet Bulb | Dew Point | | |
| 91/ 89 | | | | | .1 | | .1 | | | | | | | | | | | 2 | | | | 2 | | | | |
| 88/ 87 | | | | | .1 | .1 | .1 | | | | | | | | | | | 3 | | | | 3 | | | | |
| 86/ 85 | | | | | .1 | .1 | | .1 | | | | | | | | | | 3 | | | | 3 | | | | |
| 84/ 83 | | | | | .2 | .1 | .2 | | .2 | .1 | | | | | | | | 8 | | | | 8 | | | | |
| 82/ 81 | | | | .2 | .3 | .3 | .4 | .1 | | | | | | | | | | 13 | | | | 13 | | 2 | | |
| 80/ 79 | | .2 | .2 | .1 | .7 | | .2 | .3 | .3 | | | | | | | | | 19 | | | | 19 | | 4 | 2 | |
| 78/ 77 | | | .2 | .3 | 1.0 | .3 | 1.1 | .1 | .1 | | .2 | | | | | | | 31 | | | | 31 | | 3 | 2 | |
| 76/ 75 | | .2 | .4 | 1.0 | 1.1 | 1.6 | .8 | 1.1 | .3 | | | | | | | | | 60 | | | | 60 | | 8 | 3 | |
| 74/ 73 | | .2 | 1.6 | 2.2 | 2.1 | 1.8 | .7 | .4 | .3 | .2 | | | | | | | | 87 | | | | 87 | | 13 | 9 | |
| 72/ 71 | | .9 | 2.7 | 2.2 | 2.4 | 1.3 | .8 | .3 | | | | | | | | | | 97 | | | | 97 | | 24 | 9 | |
| 70/ 69 | .1 | 1.5 | 3.8 | 3.4 | 2.8 | 2.1 | 1.1 | .7 | .4 | | | | | | | | | 146 | | | | 146 | | 50 | 31 | |
| 68/ 67 | .2 | 2.5 | 3.8 | 3.1 | 2.1 | 1.5 | .7 | .3 | | | | | | | | | | 130 | | | | 130 | | 99 | 64 | |
| 66/ 65 | .2 | 3.5 | 3.1 | 2.5 | 1.9 | .5 | 1.0 | .5 | | | | | | | | | | 121 | | | | 121 | | 133 | 80 | |
| 64/ 63 | .7 | 3.3 | 2.5 | 2.5 | 1.0 | .8 | .5 | .1 | | | | | | | | | | 104 | | | | 104 | | 153 | 98 | |
| 62/ 61 | .2 | 1.5 | 1.8 | 1.2 | .5 | .2 | .4 | | | | | | | | | | | 54 | | | | 54 | | 141 | 108 | |
| 60/ 59 | .1 | .9 | .5 | .4 | .5 | .2 | | | | | | | | | | | | 25 | | | | 25 | | 100 | 128 | |
| 58/ 57 | | .8 | .2 | | .1 | | | | | | | | | | | | | 10 | | | | 10 | | 93 | 85 | |
| 56/ 55 | | .1 | | | | | | | | | | | | | | | | 1 | | | | 1 | | 41 | 90 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | 31 | 68 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | 14 | 65 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | 5 | 28 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | 20 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | 23 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | 12 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | 15 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | 11 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 1.5 | 15.6 | 21.0 | 19.1 | 17.1 | 11.1 | 8.1 | 4.2 | 1.8 | .3 | .2 | | | | | | | 914 | | | | 914 | | 914 | 914 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | |
| Dry Bulb | 4824537 | | 64853 | | 71.085.620 | | 914 | | 10 F | | 12 F | | 14 F | | 16 F | | 18 F | | 20 F | | 22 F | | 24 F | | 26 F | |
| Wet Bulb | 4386882 | | 63120 | | 69.1 5.470 | | 914 | | 10 F | | 12 F | | 14 F | | 16 F | | 18 F | | 20 F | | 22 F | | 24 F | | 26 F | |
| Dew Point | 3187637 | | 53581 | | 58.6 7.143 | | 914 | | 10 F | | 12 F | | 14 F | | 16 F | | 18 F | | 20 F | | 22 F | | 24 F | | 26 F | |

FORM 0-26-3 (OL A) REVISION NOVEMBER 1968 OF THE FORM ARE OBSOLETE

USAFETAC

2

8

WMS

JUL
1964

2100-2300

MOORE (L. S. V.)

USAFETAC FORM 0-26-5 (OL A) INVERSE MATHS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0300-0500

PSYCHROMETRIC SUMMARY

AUG
MONTH

YEAR

0600-0700

100-443888 (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | |
| 92/ 91 | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | .2 | .2 | | | | | | | | 4 | 4 | | |
| 88/ 87 | | | | | | .1 | .1 | .7 | .1 | | .1 | | | | | | 10 | 10 | | |
| 86/ 85 | | | | .1 | .3 | .2 | .8 | .4 | .1 | .1 | | | | | | | 19 | 19 | | |
| 84/ 83 | | | | | .3 | .8 | .8 | .7 | .2 | | | | | | | | 25 | 25 | | |
| 82/ 81 | | | .1 | .1 | 1.4 | 1.0 | 1.8 | .9 | .4 | | .1 | | | | | | 53 | 53 | 1 | |
| 80/ 79 | | | .3 | 1.2 | 1.6 | 1.6 | 1.8 | 1.2 | .7 | .1 | .1 | | | | | | 79 | 79 | 4 | |
| 78/ 77 | | | .4 | 1.6 | 1.4 | 1.4 | 2.1 | .9 | .2 | .1 | .1 | | | | | | 76 | 76 | 6 | |
| 76/ 75 | | | 1.5 | 2.2 | 1.5 | 2.6 | 1.2 | .8 | .5 | .2 | | | | | | | 97 | 97 | 14 | 7 |
| 74/ 73 | | .3 | 1.9 | 1.5 | 2.3 | 1.9 | 1.1 | .5 | .4 | | | | | | | | 91 | 91 | 66 | 8 |
| 72/ 71 | .1 | .8 | 2.5 | 1.2 | 1.5 | 1.3 | 2.0 | .9 | .4 | | | | | | | | 98 | 98 | 77 | 30 |
| 70/ 69 | | 1.6 | 2.1 | 1.0 | 1.4 | 1.3 | 1.1 | 1.0 | | .1 | | | | | | | 88 | 88 | 99 | 75 |
| 68/ 67 | 1.0 | 1.8 | 2.9 | 1.8 | 1.1 | 1.1 | .9 | .3 | .1 | | | | | | | | 99 | 99 | 118 | 87 |
| 66/ 65 | .2 | 2.6 | .8 | .7 | .8 | 1.3 | .8 | .1 | .1 | | | | | | | | 67 | 68 | 119 | 81 |
| 64/ 63 | .3 | 1.8 | 1.1 | .2 | .4 | .4 | .1 | .2 | | | | | | | | | 42 | 43 | 118 | 101 |
| 62/ 61 | .5 | .8 | .2 | .4 | .4 | .1 | .2 | .1 | | | | | | | | | 26 | 26 | 93 | 103 |
| 60/ 59 | .1 | .7 | .4 | .7 | | | .1 | | | | | | | | | | 18 | 18 | 63 | 82 |
| 58/ 57 | | .2 | .3 | | | .1 | | | | | | | | | | | 6 | 6 | 53 | 79 |
| 56/ 55 | .3 | | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 46 | 52 |
| 54/ 53 | | .2 | .2 | | | | | | | | | | | | | | 4 | 4 | 14 | 39 |
| 52/ 51 | | .1 | | | | | | | | | | | | | | | 1 | 1 | 16 | 46 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | 3 | 32 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | 2 | 42 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 22 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 8 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 7 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 5 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 2.6 | 10.6 | 14.8 | 13.2 | 14.7 | 15.2 | 14.8 | 9.1 | 3.8 | .7 | .4 | | | | | | 912 | 914 | 912 | 912 |
| | | | | | | | | | | | | | | | | | | | 912 | 912 |
| Element (X) | Σx' | | Σx | | Σ | | Σ _n | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | Total | |
| Rel. Hum. | 4273781 | | 60601 | | 66.4 | | 16.464 | | 912 | | ≤ 6 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | |
| Dry Bulb | 4869044 | | 66412 | | 72.7 | | 6.902 | | 914 | | | | 75.6 | 46.6 | 15.4 | .3 | | | 93 | |
| Wet Bulb | 3886729 | | 59299 | | 65.0 | | 5.839 | | 912 | | | | 39.3 | 9.3 | .2 | | | | 93 | |
| Dew Point | 3346262 | | 54792 | | 60.1 | | 7.729 | | 912 | | | | 21.1 | 1.5 | | | | | 93 | |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

1200-140
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

AUG

YEAR

NONYMI

2100-2300

1948 (L. 2. 7.)

PSYCHROMETRIC SUMMARY

448



PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK HAS HE

69-70, 73-80

AUS

PAGE 2

ALL

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME

69-70, 73-80

SEP
MONTH

PAGE 1

0000-0200

INDIAN (L. S. V.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

YEARS

0300-0500

1949 (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP
MONTH

0600-0800

[illegible]

PSYCHROMETRIC SUMMARY

743920

BRUNSWICK NAS ME

69-70, 73-80

SEA

STATION

STATION NAME

YEARS

MONTANA

PAGE 1

0900-1100

0980-410
H0408 (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|----------------|-----|-----|-----|------|-------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|----|----------|----------|-----------|--------------------|--------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 94/ 93 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | | | | |
| 91/ 89 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | | | | |
| 88/ 87 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | |
| 86/ 85 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | | | | | |
| 84/ 83 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | | | | | |
| 82/ 81 | | | .1 | | | | .1 | | | | | | | | | | | 2 | 2 | | | | | |
| 80/ 79 | | | .1 | .3 | .2 | | .2 | .1 | .1 | | | | | | | | | 10 | 10 | 1 | | | | |
| 78/ 77 | | | .3 | .2 | .3 | | | .1 | | | | | | | | | | 9 | 9 | 2 | | | | |
| 76/ 75 | | | .2 | .2 | .8 | .7 | .1 | .6 | | | | | | | | | | 23 | 23 | 6 | | | | |
| 74/ 73 | | .3 | .3 | .3 | .5 | 1.1 | .5 | .5 | .1 | | | | | | | | | 32 | 32 | 9 | | | | |
| 72/ 71 | | .1 | .3 | .5 | 1.0 | .7 | .5 | | | | | | | | | | | 27 | 27 | 10 | | | | |
| 70/ 69 | .1 | | .6 | .7 | 1.4 | 1.1 | .8 | .2 | | | | | | | | | | 43 | 44 | 12 | | | | |
| 68/ 67 | .5 | .8 | 1.1 | .5 | 1.7 | 1.6 | 1.7 | .2 | .1 | | | | | | | | | 72 | 73 | 19 | | | | |
| 66/ 65 | .2 | 1.7 | 1.4 | 1.5 | 1.8 | 1.2 | 1.9 | .2 | .1 | | | | | | | | | 89 | 89 | 32 | | | | |
| 64/ 63 | .6 | 2.5 | 1.0 | 1.6 | 1.8 | 3.3 | 1.4 | .2 | | | | | | | | | | 109 | 109 | 68 | | | | |
| 62/ 61 | .3 | 1.4 | 1.0 | 2.0 | 2.1 | 1.9 | .6 | .2 | | | | | | | | | | 85 | 85 | 67 | | | | |
| 60/ 59 | .3 | 3.4 | 1.2 | 2.3 | 2.4 | 1.5 | .3 | | | | | | | | | | | 101 | 101 | 76 | | | | |
| 58/ 57 | .7 | 3.3 | 2.3 | 1.7 | 1.5 | 1.1 | .5 | | | | | | | | | | | 97 | 97 | 97 | | | | |
| 56/ 55 | .5 | 2.8 | 1.0 | 1.6 | 2.0 | .7 | .1 | | | | | | | | | | | 77 | 77 | 115 | | | | |
| 54/ 53 | .5 | 1.0 | 1.9 | .8 | .9 | .5 | | | | | | | | | | | | 49 | 49 | 129 | | | | |
| 52/ 51 | .2 | .6 | .7 | .1 | .8 | .5 | | | | | | | | | | | | 25 | 25 | 84 | | | | |
| 50/ 49 | | .1 | | .2 | .7 | .5 | | | | | | | | | | | | 13 | 13 | 69 | | | | |
| 48/ 47 | | .5 | .2 | .1 | .2 | .1 | | | | | | | | | | | | 10 | 10 | 33 | | | | |
| 46/ 45 | .3 | | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | 29 | | | | |
| 44/ 43 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 13 | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ _H ¹ | Σ _H | | | | Σ | | Σ _A | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | ≤ 6 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

SEP
MENT

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|----------|-----------|--------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 94/ 93 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | |
| 92/ 91 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | | | | | |
| 91/ 89 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | | |
| 88/ 87 | | | | | | | .1 | .1 | .1 | | | | | | | | | 3 | 3 | | | | | | |
| 86/ 85 | | | | | .1 | .1 | .1 | .1 | | | | | | | | | | 3 | 3 | | | | | | |
| 84/ 83 | | | | .1 | .1 | .3 | .2 | | | .1 | | | | | | | | 8 | 8 | | | | | | |
| 82/ 81 | | | | .3 | .1 | .1 | .2 | .2 | .1 | .1 | | | | | | | | 9 | 9 | | | | | | |
| 80/ 79 | | | | .1 | .8 | .3 | .2 | .3 | .5 | | | | | | | | | 20 | 20 | 1 | | | | | |
| 78/ 77 | | | | .5 | .6 | .2 | .6 | .6 | .5 | .1 | | | | | | | | 26 | 26 | 3 | | | | | |
| 76/ 75 | | | | .7 | .7 | 1.1 | .7 | .8 | .2 | | | | | | | | | 37 | 37 | 6 | | | | | |
| 74/ 73 | | | | .7 | .6 | 1.0 | .7 | 1.1 | .6 | | | | | | | | | 41 | 41 | 12 | | | | | |
| 72/ 71 | | | .6 | .5 | 1.0 | 1.4 | 1.2 | .6 | 1.1 | .2 | | | | | | | | 58 | 58 | 11 | | | | | |
| 70/ 69 | .5 | .3 | 1.0 | .5 | 1.8 | 1.7 | 2.7 | 1.1 | .5 | | | | | | | | | 89 | 89 | 24 | | | | | |
| 68/ 67 | | .7 | .7 | .6 | 1.2 | 2.1 | 1.6 | 1.8 | .1 | .1 | | | | | | | | 79 | 79 | 33 | | | | | |
| 66/ 65 | | 2.0 | .9 | .9 | 1.2 | 2.9 | 2.5 | .7 | .2 | | | | | | | | | 101 | 101 | 49 | | | | | |
| 64/ 63 | .7 | .9 | .2 | 1.2 | 1.1 | 2.4 | 2.8 | .2 | | | | | | | | | | 85 | 85 | 65 | | | | | |
| 62/ 61 | .5 | 1.2 | 1.7 | 1.2 | 1.6 | 3.4 | 1.8 | .7 | | | | | | | | | | 107 | 107 | 74 | | | | | |
| 60/ 59 | | 2.3 | 1.4 | 2.3 | 1.4 | 1.1 | .8 | .2 | | | | | | | | | | 83 | 83 | 74 | | | | | |
| 58/ 57 | .3 | 2.0 | 1.1 | 1.2 | .7 | .3 | .6 | .1 | | | | | | | | | | 57 | 57 | 118 | | | | | |
| 56/ 55 | .2 | 1.5 | .6 | .9 | .6 | .3 | .1 | | | | | | | | | | | 37 | 37 | 116 | | | | | |
| 54/ 53 | | .3 | .7 | .2 | .2 | .8 | .1 | | | | | | | | | | | 21 | 21 | 120 | | | | | |
| 52/ 51 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 77 | | | | | |
| 50/ 49 | | .1 | .1 | | | .6 | | | | | | | | | | | | 7 | 7 | 45 | | | | | |
| 48/ 47 | | .8 | | | | | | | | | | | | | | | | 7 | 7 | 26 | | | | | |
| 46/ 45 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 19 | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 6 | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | Σ | | | Σ _n | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME

69-70, 73-80

SEP
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

ALL
MEMBERS (L. S. T.)

[illegible]

0-26-5 (OLA)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74392 BRUNSWICK NAS ME

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|------|--------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 64/ 63 | .1 | | | .2 | | | | | | | | | | | | | | 3 | 3 | 1 | 1 | | | | |
| 62/ 61 | .3 | .8 | .5 | .1 | | | | | | | | | | | | | | 16 | 16 | 3 | 3 | | | | |
| 61/ 59 | 1.0 | 1.7 | .8 | .4 | | | | | | | | | | | | | | 36 | 36 | 16 | 10 | | | | |
| 58/ 57 | 1.5 | 2.1 | 1.7 | .4 | .1 | | | | | | | | | | | | | 54 | 54 | 46 | 29 | | | | |
| 56/ 55 | .9 | 3.2 | 1.5 | .4 | .1 | .1 | | | | | | | | | | | | 57 | 57 | 40 | 38 | | | | |
| 54/ 53 | 1.1 | 1.5 | 1.3 | .3 | .4 | | | | | | | | | | | | | 43 | 43 | 36 | 42 | | | | |
| 52/ 51 | .5 | 3.0 | 2.0 | .2 | | | | | | | | | | | | | | 53 | 53 | 38 | 39 | | | | |
| 51/ 49 | 1.2 | 2.5 | 1.2 | 1.2 | .4 | .2 | | | | | | | | | | | | 62 | 62 | 66 | 53 | | | | |
| 48/ 47 | .9 | 2.6 | 2.2 | 1.1 | .2 | | | | | | | | | | | | | 64 | 64 | 45 | 56 | | | | |
| 46/ 45 | .7 | 2.2 | 2.2 | .9 | .3 | .1 | | | | | | | | | | | | 58 | 58 | 45 | 43 | | | | |
| 44/ 43 | .2 | 2.2 | 2.9 | 1.8 | .4 | | | | | | | | | | | | | 70 | 70 | 52 | 24 | | | | |
| 42/ 41 | .1 | 3.0 | 2.3 | 2.2 | .7 | .2 | | | | | | | | | | | | 78 | 78 | 63 | 32 | | | | |
| 41/ 39 | 1.0 | 2.7 | 2.8 | .8 | .5 | .1 | | | | | | | | | | | | 73 | 73 | 71 | 48 | | | | |
| 38/ 37 | .9 | 2.2 | 1.8 | 1.1 | .3 | | | | | | | | | | | | | 58 | 58 | 79 | 65 | | | | |
| 36/ 35 | .4 | 1.4 | 1.8 | .3 | .2 | | | | | | | | | | | | | 39 | 39 | 70 | 64 | | | | |
| 34/ 33 | .8 | 2.6 | 1.6 | .4 | .2 | | | | | | | | | | | | | 52 | 52 | 60 | 47 | | | | |
| 32/ 31 | .9 | 2.7 | 1.0 | .5 | .1 | | | | | | | | | | | | | 48 | 48 | 60 | 61 | | | | |
| 30/ 29 | .4 | .7 | 1.3 | .9 | | | | | | | | | | | | | | 30 | 30 | 39 | 75 | | | | |
| 28/ 27 | .1 | .8 | .5 | | | | | | | | | | | | | | | 13 | 13 | 31 | 50 | | | | |
| 26/ 25 | | .3 | .1 | .2 | | | | | | | | | | | | | | 6 | 6 | 20 | 27 | | | | |
| 24/ 23 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 9 | 18 | | | | |
| 22/ 21 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 2 | 20 | | | | |
| 21/ 19 | | | | | | | | | | | | | | | | | | | | 6 | 21 | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 16 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 10 | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 8 | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| TOTAL | 12.9 | 38.5 | 30.1 | 13.6 | 4.1 | .8 | | | | | | | | | | | | 920 | 920 | | 920 | | | | |
| | | | | | | | | | | | | | | | | | | 920 | | 920 | | | | | |
| Element (X) | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | | | |
| Rel. Hum. | 5946765 | | 72593 | | 78.9 | | 15.429 | | 920 | | ± 6 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | | | |
| Dry Bulb | 1893644 | | 40882 | | 44.4 | | 9.152 | | 920 | | | | 10.5 | | | | | | | | 93 | | | | |
| Wet Bulb | 1685099 | | 38387 | | 41.7 | | 9.526 | | 920 | | | | 17.1 | | | | | | | | 93 | | | | |
| Dew Point | 1451928 | | 34872 | | 37.9 | | 11.899 | | 920 | | | | 33.0 | | | | | | | | 93 | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISIONS SHOWN OF THE FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME
STATION STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|-------|-----|-----------|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|-------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 64/ 63 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 62/ 61 | | .4 | .1 | .2 | | | | | | | | | | | | | | 7 | 7 | | | | | | |
| 60/ 59 | .5 | 1.6 | .7 | .4 | | | | | | | | | | | | | | 30 | 30 | 10 | 5 | | | | |
| 58/ 57 | 1.4 | 2.2 | 1.2 | | | | | | | | | | | | | | | 44 | 44 | 35 | 24 | | | | |
| 56/ 55 | .9 | 2.7 | .3 | .4 | .1 | .1 | .1 | | | | | | | | | | | 43 | 43 | 36 | 29 | | | | |
| 54/ 53 | 1.5 | 2.1 | .8 | | .2 | | .1 | | | | | | | | | | | 43 | 43 | 60 | 51 | | | | |
| 52/ 51 | .7 | 3.8 | 1.4 | .1 | .4 | | | | | | | | | | | | | 59 | 59 | 30 | 34 | | | | |
| 50/ 49 | 1.2 | 3.1 | 1.7 | .4 | .4 | | | | | | | | | | | | | 64 | 64 | 58 | 47 | | | | |
| 48/ 47 | 1.2 | 2.9 | .3 | .5 | .3 | | | | | | | | | | | | | 49 | 49 | 54 | 56 | | | | |
| 46/ 45 | .4 | 2.8 | 2.6 | 1.0 | .3 | | | | | | | | | | | | | 66 | 66 | 46 | 37 | | | | |
| 44/ 43 | .3 | 3.8 | 2.0 | 1.3 | .2 | | | | | | | | | | | | | 70 | 70 | 45 | 41 | | | | |
| 42/ 41 | | 3.0 | 1.8 | 1.1 | .7 | | | | | | | | | | | | | 61 | 61 | 71 | 36 | | | | |
| 40/ 39 | .4 | 3.0 | 2.5 | .9 | .3 | | | | | | | | | | | | | 66 | 66 | 57 | 46 | | | | |
| 38/ 37 | .7 | 2.8 | 2.2 | .7 | | | | | | | | | | | | | | 58 | 58 | 68 | 47 | | | | |
| 36/ 35 | .5 | 3.6 | 1.3 | .7 | .4 | | | | | | | | | | | | | 60 | 60 | 65 | 56 | | | | |
| 34/ 33 | .3 | 3.3 | 2.3 | .5 | .3 | | | | | | | | | | | | | 62 | 62 | 74 | 56 | | | | |
| 32/ 31 | 1.1 | 2.6 | 1.6 | .8 | | | | | | | | | | | | | | 56 | 56 | 54 | 65 | | | | |
| 30/ 29 | .9 | .9 | .5 | .3 | | | | | | | | | | | | | | 24 | 24 | 66 | 76 | | | | |
| 28/ 27 | .2 | 1.6 | .8 | .3 | | | | | | | | | | | | | | 27 | 27 | 32 | 41 | | | | |
| 26/ 25 | .3 | .5 | .5 | .1 | | | | | | | | | | | | | | 14 | 14 | 25 | 37 | | | | |
| 24/ 23 | .1 | .5 | .2 | | | | | | | | | | | | | | | 8 | 8 | 14 | 32 | | | | |
| 22/ 21 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 13 | 25 | | | | |
| 20/ 19 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 2 | 21 | | | | |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 10 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 2 | 14 | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 13 | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| TOTAL | 12.7 | 47.9 | 25.4 | 9.9 | 3.8 | .1 | .2 | | | | | | | | | | | 921 | | 921 | 921 | | | | |
| Element (X) | Σ x' | | Σ x | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | |
| Rel. Hum. | 6137293 | | 73913 | | 80.314948 | | 921 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | |
| Dry Bulb | 1779114 | | 39538 | | 42.9 | | 9.428 | | 921 | | 13.9 | | | | | | | | | | 93 | | | | |
| Wet Bulb | 1597275 | | 37297 | | 40.5 | | 9.718 | | 921 | | 21.4 | | | | | | | | | | 93 | | | | |
| Dew Point | 1386932 | | 34002 | | 36.911961 | | 921 | | 35.9 | | | | | | | | | | | | 93 | | | | |

FORM 0-26-5 (OL A) REPAIR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|---|--|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | |
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| TOTAL | 1.8 | 11.6 | 10.9 | 17.2 | 18.5 | 19.9 | 12.1 | 5.1 | 1.9 | .8 | .2 | | | | | | | 914 | 914 | 914 | 914 | | | | | | | | | | | | | | |
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USAFETAC
FORM
JA 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME
STATION STATION NAME

69-70, 73-80

YEARS

OCT
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743927 BRUNSWICK NAS ME

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------|-------|------|------|-------|----------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-----|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|-----|-----|--------------------|-------|----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 67 / 67 | | | | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | |
| 66 / 65 | | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | |
| 64 / 63 | | .3 | .1 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | | |
| 62 / 61 | .2 | 1.5 | 1.4 | .8 | .3 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 | 7 | 3 | | |
| 60 / 59 | .7 | 2.5 | 2.2 | .8 | .3 | .1 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | 31 | 15 | | |
| 58 / 57 | .3 | 2.1 | 2.0 | .9 | .4 | .2 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 57 | 57 | 53 | 29 | | |
| 56 / 55 | .2 | 1.5 | 1.6 | 2.1 | 1.2 | .5 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 70 | 70 | 39 | 39 | | |
| 54 / 53 | .2 | 1.5 | 1.6 | 2.4 | .9 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 67 | 67 | 45 | 37 | | |
| 52 / 51 | .2 | 1.3 | 3.4 | 1.5 | .8 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 72 | 72 | 42 | 38 | | |
| 50 / 49 | | 3.7 | 2.6 | 1.4 | .5 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 81 | 81 | 62 | 38 | | |
| 48 / 47 | | 2.0 | 2.2 | 1.9 | .8 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | 73 | 73 | 104 | 44 | | |
| 46 / 45 | .5 | 2.2 | 2.5 | 2.4 | 1.5 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | 91 | 91 | 72 | 59 | | |
| 44 / 43 | | 1.2 | 2.5 | 3.4 | 1.4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 81 | 81 | 73 | 68 | | |
| 42 / 41 | .1 | 1.6 | 1.9 | 1.8 | .9 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | 55 | 60 | | |
| 40 / 39 | .2 | 1.5 | 1.2 | 1.0 | .8 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | 78 | 51 | | |
| 38 / 37 | .1 | .7 | 1.4 | 1.0 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | 34 | 90 | 67 | | |
| 36 / 35 | | .4 | 1.0 | .9 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 27 | 47 | 45 | | |
| 34 / 33 | .3 | .5 | .5 | .2 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | 37 | 39 | | |
| 32 / 31 | | .3 | .2 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 32 | 66 | | |
| 30 / 29 | | .3 | .2 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 19 | 42 | | |
| 28 / 27 | | | .1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 11 | 36 | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 29 | |
| 24 / 23 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 30 | | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 19 | |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 14 / 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | |
| 10 / 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 8 / 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| 6 / 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | 3.2 | 25.5 | 28.8 | 23.9 | 11.9 | 4.5 | 2.0 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 913 | 913 | 913 | 913 | | |
| Element (X) | Σ X ² | | | Σ X | | | X | σ _x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 4818291 | | | 64475 | | | 70.6 | 17.051 | 913 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | 93 | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 2212936 | | | 44350 | | | 48.6 | 8.015 | 913 | | | 2.3 | .3 | | | | 93 | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 1856951 | | | 40445 | | | 44.3 | 8.460 | 913 | | | 7.9 | | | | | 93 | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 1494644 | | | 35404 | | | 38.8 | 11.555 | 913 | | | 28.6 | | | | | 93 | | | | | | | | | | | | | | | | | | | | |

FORM 0-20-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743927
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|-----|--------------------|-------|-----|----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | .0 | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | 2 | | | |
| 81/ 79 | | | | | | .0 | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | 2 | | | |
| 77/ 77 | | | | | .0 | | | .0 | | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | 2 | | | |
| 76/ 75 | | | | | | .0 | .1 | | | | | | | | | | | 7 | | | | | | | | | | | | | | | 7 | 7 | | | |
| 74/ 73 | | | | .0 | .0 | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | | 5 | 5 | | | |
| 72/ 71 | | | | | .0 | .1 | .0 | .0 | .0 | | | | | | | | | 13 | | | | | | | | | | | | | | | 13 | 13 | | | |
| 71/ 69 | | | .0 | .1 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | 47 | | | | | | | | | | | | | | | 47 | 47 | 5 | | |
| 69/ 67 | | .0 | .1 | .2 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | 63 | | | | | | | | | | | | | | | 63 | 63 | 1 | | |
| 66/ 65 | | .1 | .2 | .2 | .1 | .2 | .2 | .1 | .1 | .1 | .1 | | | | | | | 101 | | | | | | | | | | | | | | | 101 | 101 | 11 | 5 | |
| 64/ 63 | .0 | .4 | .4 | .5 | .3 | .4 | .2 | .1 | .1 | .0 | | | | | | | | 170 | | | | | | | | | | | | | | | 170 | 170 | 37 | 5 | |
| 62/ 61 | .2 | 1.1 | .9 | .6 | .5 | .4 | .3 | .1 | .0 | | | | | | | | | 314 | | | | | | | | | | | | | | | 314 | 314 | 97 | 45 | |
| 61/ 59 | .6 | 2.0 | 1.2 | .6 | .5 | .7 | .3 | .2 | .1 | | | | | | | | | 441 | | | | | | | | | | | | | | | 441 | 441 | 222 | 120 | |
| 57/ 57 | .8 | 1.9 | 1.3 | .6 | .5 | .6 | .2 | .4 | .0 | | | | | | | | | 462 | | | | | | | | | | | | | | | 462 | 463 | 364 | 245 | |
| 55/ 55 | .5 | 2.0 | 1.1 | 1.0 | 1.0 | .5 | .3 | .1 | | | | | | | | | | 471 | | | | | | | | | | | | | | | 471 | 471 | 357 | 207 | |
| 54/ 53 | .8 | 1.6 | 1.3 | 1.3 | 1.0 | .5 | .6 | .1 | | | | | | | | | | 520 | | | | | | | | | | | | | | | 520 | 520 | 438 | 348 | |
| 52/ 51 | .4 | 2.0 | 1.7 | 1.0 | .9 | .6 | .4 | .1 | | | | | | | | | | 524 | | | | | | | | | | | | | | | 524 | 524 | 370 | 281 | |
| 51/ 49 | .5 | 2.3 | 1.7 | 1.6 | .9 | .5 | .3 | .0 | | | | | | | | | | 577 | | | | | | | | | | | | | | | 577 | 577 | 539 | 341 | |
| 48/ 47 | .5 | 2.0 | 1.4 | 1.4 | 1.0 | .7 | .2 | .0 | | | | | | | | | | 529 | | | | | | | | | | | | | | | 529 | 529 | 569 | 361 | |
| 45/ 45 | .5 | 1.9 | 1.9 | 1.6 | 1.0 | .6 | .0 | | | | | | | | | | | 554 | | | | | | | | | | | | | | | 554 | 554 | 520 | 379 | |
| 44/ 43 | .2 | 1.8 | 1.7 | 1.8 | .7 | .4 | .0 | | | | | | | | | | | 475 | | | | | | | | | | | | | | | 475 | 475 | 542 | 391 | |
| 42/ 41 | .2 | 1.7 | 1.8 | 1.3 | .8 | .2 | | | | | | | | | | | | 429 | | | | | | | | | | | | | | | 429 | 429 | 547 | 401 | |
| 41/ 39 | .3 | 1.7 | 1.6 | .9 | .5 | .2 | .0 | | | | | | | | | | | 382 | | | | | | | | | | | | | | | 382 | 384 | 527 | 455 | |
| 37/ 37 | .3 | 1.4 | 1.3 | .6 | .4 | .1 | | | | | | | | | | | | 301 | | | | | | | | | | | | | | | 301 | 301 | 537 | 469 | |
| 36/ 35 | .2 | 1.4 | 1.0 | .5 | .3 | .0 | | | | | | | | | | | | 250 | | | | | | | | | | | | | | | 250 | 251 | 419 | 418 | |
| 34/ 33 | .3 | 1.4 | .9 | .4 | .2 | .0 | | | | | | | | | | | | 233 | | | | | | | | | | | | | | | 233 | 234 | 367 | 366 | |
| 32/ 31 | .4 | 1.3 | .6 | .4 | .0 | | | | | | | | | | | | | 198 | | | | | | | | | | | | | | | 198 | 199 | 280 | 487 | |
| 31/ 29 | .3 | .5 | .5 | .3 | .0 | | | | | | | | | | | | | 110 | | | | | | | | | | | | | | | 110 | 110 | 239 | 439 | |
| 28/ 27 | .1 | .5 | .3 | .1 | | | | | | | | | | | | | | 70 | | | | | | | | | | | | | | | 70 | 70 | 136 | 348 | |
| 26/ 25 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | | 31 | | | | | | | | | | | | | | | 31 | 31 | 101 | 266 | |
| 24/ 23 | .0 | .2 | .1 | | | | | | | | | | | | | | | 23 | | | | | | | | | | | | | | | 23 | 23 | 47 | 172 | |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | | | | 10 | 10 | 30 | 162 | |
| 21/ 19 | | .1 | .3 | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | 7 | 7 | 11 | 186 | |
| 18/ 17 | | | .0 | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | 2 | 8 | 89 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 67 |
| Element (X) | Σ X' | | | Σ X | | | Σ | Σ _A | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME

69-70, 73-80

YEARS

OCT
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|----------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 57 / 57 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 57 / 55 | .6 | .1 | | | | | | | | | | | | | | | | 7 | 7 | 7 | 6 | | | |
| 54 / 53 | 1.0 | .9 | .2 | .3 | | .1 | | | | | | | | | | | | 23 | 23 | 13 | 10 | | | |
| 52 / 51 | .7 | 1.5 | .8 | .2 | | | | | | | | | | | | | | 28 | 28 | 17 | 16 | | | |
| 5 / 49 | .9 | 2.1 | .6 | .5 | .2 | .2 | | | | | | | | | | | | 40 | 40 | 26 | 19 | | | |
| 47 / 47 | 1.7 | 3.3 | .6 | .5 | .3 | | | | | | | | | | | | | 56 | 56 | 49 | 36 | | | |
| 46 / 45 | .8 | 2.1 | 1.9 | .9 | .2 | | | | | | | | | | | | | 53 | 53 | 37 | 38 | | | |
| 44 / 43 | .3 | 1.7 | 1.1 | .5 | .3 | .1 | | | | | | | | | | | | 36 | 36 | 33 | 30 | | | |
| 42 / 41 | 1.9 | 1.9 | 1.1 | .8 | .5 | | | | | | | | | | | | | 55 | 55 | 62 | 24 | | | |
| 40 / 39 | 1.9 | 2.7 | 2.1 | 1.4 | .3 | | | | | | | | | | | | | 75 | 75 | 54 | 52 | | | |
| 38 / 37 | 1.7 | 2.5 | 1.7 | 1.4 | | | | | | | | | | | | | | 58 | 58 | 52 | 44 | | | |
| 36 / 35 | 1.1 | 2.1 | 2.6 | 1.2 | | | | | | | | | | | | | | 63 | 63 | 67 | 50 | | | |
| 34 / 33 | .9 | 2.7 | 2.6 | 1.5 | .1 | | | | | | | | | | | | | 69 | 69 | 54 | 34 | | | |
| 32 / 31 | .6 | 3.4 | 3.9 | 1.6 | .2 | | | | | | | | | | | | | 86 | 86 | 75 | 50 | | | |
| 30 / 29 | .6 | 1.9 | 2.4 | 1.0 | | | | | | | | | | | | | | 52 | 52 | 60 | 56 | | | |
| 28 / 27 | .3 | 2.4 | 1.5 | .3 | | | | | | | | | | | | | | 40 | 40 | 66 | 47 | | | |
| 26 / 25 | .2 | 3.8 | 1.8 | | | | | | | | | | | | | | | 52 | 52 | 64 | 43 | | | |
| 24 / 23 | .3 | 1.4 | 2.0 | | | | | | | | | | | | | | | 33 | 33 | 57 | 41 | | | |
| 22 / 21 | .8 | .3 | 1.5 | | | | | | | | | | | | | | | 23 | 23 | 34 | 46 | | | |
| 20 / 19 | .2 | 1.2 | .6 | | | | | | | | | | | | | | | 18 | 18 | 28 | 65 | | | |
| 18 / 17 | | .9 | | | | | | | | | | | | | | | | 8 | 8 | 17 | 44 | | | |
| 16 / 15 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 7 | 29 | | | |
| 14 / 13 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | | 32 | | | |
| 12 / 11 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 26 | | | |
| 10 / 9 | | | | | | | | | | | | | | | | | | | | 3 | 21 | | | |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | | 16 | | | |
| 6 / 5 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 2 / -1 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| -2 / -3 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | 15.9 | 40.2 | 29.3 | 11.9 | 2.3 | .5 | | | | | | | | | | | | 888 | 888 | 888 | 888 | | | |
| | | | | | | | | | | | | | | | | | | 888 | | 888 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x' | | Σ x | | X | x _n | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | Total | | | | |
| Rel. Hum. | 5512450 | | 68436 | | 77.1 | 16.389 | 888 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | Total | | | | |
| Dry Bulb | 1255277 | | 32345 | | 36.4 | 9.325 | 888 | | | 32.7 | | | | | | | | | | 90 | | | | |
| Wet Bulb | 1110168 | | 30236 | | 34.0 | 9.535 | 888 | | | 42.3 | | | | | | | | | | 90 | | | | |
| Dew Point | 901675 | | 26159 | | 29.5 | 12.156 | 888 | | .3 | 53.6 | | | | | | | | | | 90 | | | | |

USAFETAC FORM 14 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME

69-70,73-80

NOV

STATION STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-------|-----|------|--------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|----|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 50 / 57 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 | | | |
| 50 / 55 | 1.1 | .2 | .2 | | | | | | | | | | | | | | | 14 | 14 | 11 | 11 | | | |
| 54 / 53 | 1.7 | .6 | .4 | .3 | | | | | | | | | | | | | | 27 | 27 | 18 | 18 | | | |
| 52 / 51 | .7 | .6 | .2 | .3 | .3 | | | | | | | | | | | | | 19 | 19 | 11 | 8 | | | |
| 57 / 49 | .9 | 1.6 | .6 | .3 | .1 | | | | | | | | | | | | | 31 | 31 | 23 | 19 | | | |
| 40 / 47 | 1.1 | 3.1 | .2 | .2 | | | | | | | | | | | | | | 42 | 42 | 37 | 27 | | | |
| 46 / 45 | .3 | 1.9 | 1.3 | .6 | .1 | .3 | | | | | | | | | | | | 41 | 41 | 32 | 23 | | | |
| 44 / 43 | 1.0 | 2.8 | .9 | .6 | | | | | | | | | | | | | | 47 | 47 | 40 | 34 | | | |
| 42 / 41 | 1.7 | 2.4 | 1.9 | .8 | .4 | | | | | | | | | | | | | 64 | 64 | 50 | 29 | | | |
| 41 / 39 | 1.7 | 2.8 | 1.9 | 1.3 | .4 | | | | | | | | | | | | | 73 | 73 | 56 | 52 | | | |
| 38 / 37 | 1.1 | 2.2 | 2.1 | .2 | .1 | | | | | | | | | | | | | 52 | 52 | 54 | 42 | | | |
| 36 / 35 | 1.1 | 2.5 | 1.2 | 1.6 | | | | | | | | | | | | | | 57 | 57 | 66 | 34 | | | |
| 34 / 33 | .4 | 3.4 | 2.6 | .9 | | | | | | | | | | | | | | 65 | 66 | 60 | 55 | | | |
| 32 / 31 | 1.5 | 2.6 | 3.7 | 1.1 | | | | | | | | | | | | | | 79 | 79 | 53 | 56 | | | |
| 31 / 29 | .7 | 2.7 | 2.2 | .8 | .2 | | | | | | | | | | | | | 59 | 59 | 70 | 41 | | | |
| 28 / 27 | .2 | 3.0 | 2.4 | .2 | | | | | | | | | | | | | | 52 | 52 | 67 | 43 | | | |
| 26 / 25 | .6 | 1.8 | 1.9 | .2 | | | | | | | | | | | | | | 40 | 40 | 64 | 50 | | | |
| 24 / 23 | .3 | 2.6 | 1.5 | | | | | | | | | | | | | | | 39 | 39 | 50 | 31 | | | |
| 22 / 21 | 1.2 | 1.6 | 1.6 | | | | | | | | | | | | | | | 39 | 40 | 51 | 57 | | | |
| 21 / 19 | .6 | 1.1 | .7 | | | | | | | | | | | | | | | 21 | 21 | 34 | 66 | | | |
| 18 / 17 | .1 | 1.0 | | | | | | | | | | | | | | | | 10 | 10 | 17 | 48 | | | |
| 16 / 15 | | .6 | | | | | | | | | | | | | | | | 5 | 5 | 9 | 43 | | | |
| 14 / 13 | .1 | .3 | | | | | | | | | | | | | | | | 4 | 4 | 5 | 27 | | | |
| 12 / 11 | | .6 | | | | | | | | | | | | | | | | 5 | 5 | 2 | 20 | | | |
| 11 / 9 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 8 | 20 | | | |
| 10 / 7 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 9 / 5 | | | | | | | | | | | | | | | | | | | | | 15 | | | |
| 8 / 3 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 7 / 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 6 / -1 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | 18.5 | 42.2 | 27.6 | 9.5 | 1.8 | .3 | | | | | | | | | | | | 891 | 893 | 891 | 891 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX' | | ΣX | | Σ | Σ | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | |
| Rel. Hum. | 5675416 | | 69694 | | 78.2 | 15.863 | 891 | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 92 F | Total | | | | | | | | | |
| Dry Bulb | 1217236 | | 31800 | | 35.6 | 9.752 | 893 | | | 36.0 | | | | | 90 | | | | | | | | | |
| Wet Bulb | 1084786 | | 29804 | | 33.5 | 9.935 | 891 | | | 43.4 | | | | | 90 | | | | | | | | | |
| Dew Point | 890904 | | 25928 | | 29.1 | 12.380 | 891 | | .3 | 54.1 | | | | | 90 | | | | | | | | | |

FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME
STATION STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------------|------|-------|-------|-------|-------|----------|-------|------------------------------------|-------|-------|--------|--------|-----------|----------|----------|-----------|-------|-------|-----|-----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | 6 | 6 | 5 | 5 |
| 54/ 57 | .6 | .1 | | | | | | | | | | | | | | | | | | | | 19 | 19 | 17 | 17 |
| 54/ 55 | 1.6 | .3 | | .1 | | | .1 | | | | | | | | | | | | | | | 19 | 19 | 13 | 12 |
| 44/ 53 | 1.0 | .8 | | .1 | | .2 | | | | | | | | | | | | | | | | 25 | 25 | 15 | 13 |
| 2/ 51 | 1.0 | .7 | .4 | .3 | .3 | | | | | | | | | | | | | | | | | 30 | 30 | 18 | 19 |
| 5/ 49 | 1.1 | 1.5 | .6 | .1 | .1 | | | | | | | | | | | | | | | | | 37 | 37 | 24 | 13 |
| 44/ 47 | .8 | 2.0 | .9 | .1 | .2 | .1 | | | | | | | | | | | | | | | | 46 | 46 | 37 | 26 |
| 44/ 45 | .3 | 2.8 | 1.1 | .7 | .1 | .1 | | | | | | | | | | | | | | | | 46 | 46 | 41 | 36 |
| 44/ 43 | .8 | 2.8 | .8 | .7 | .1 | | | | | | | | | | | | | | | | | 60 | 60 | 55 | 33 |
| 42/ 41 | 1.8 | 2.0 | 1.6 | .8 | .6 | | | | | | | | | | | | | | | | | 56 | 56 | 42 | 44 |
| 4/ 39 | 1.1 | 2.7 | .9 | 1.2 | .3 | | | | | | | | | | | | | | | | | 63 | 63 | 55 | 27 |
| 34/ 37 | .8 | 2.4 | 2.7 | 1.2 | | | | | | | | | | | | | | | | | | 72 | 72 | 64 | 52 |
| 36/ 35 | 1.5 | 3.5 | 1.3 | 1.8 | | | | | | | | | | | | | | | | | | 79 | 79 | 83 | 52 |
| 34/ 33 | .9 | 2.9 | 3.5 | 1.6 | | | | | | | | | | | | | | | | | | 69 | 69 | 53 | 53 |
| 32/ 31 | 1.1 | 2.6 | 3.4 | .4 | .2 | | | | | | | | | | | | | | | | | 61 | 61 | 75 | 53 |
| 3/ 29 | 1.1 | 2.5 | 2.7 | .6 | | | | | | | | | | | | | | | | | | 41 | 41 | 67 | 41 |
| 24/ 27 | .2 | 2.6 | 1.2 | .6 | | | | | | | | | | | | | | | | | | 43 | 43 | 56 | 52 |
| 24/ 25 | .3 | 2.5 | 1.7 | .3 | | | | | | | | | | | | | | | | | | 18 | 19 | 42 | 36 |
| 24/ 23 | .4 | 1.0 | .6 | | | | | | | | | | | | | | | | | | | 43 | 43 | 44 | 55 |
| 22/ 21 | 1.5 | 2.4 | 1.0 | | | | | | | | | | | | | | | | | | | 24 | 24 | 32 | 41 |
| 2/ 19 | .6 | 1.6 | .6 | | | | | | | | | | | | | | | | | | | 16 | 16 | 21 | 41 |
| 14/ 17 | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | 8 | 8 | 12 | 31 |
| 14/ 15 | .3 | .6 | | | | | | | | | | | | | | | | | | | | 4 | 4 | 8 | 27 |
| 14/ 13 | .2 | .2 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 23 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | | | | | 5 | 5 | 3 | 17 |
| 1/ 9 | .1 | .4 | | | | | | | | | | | | | | | | | | | | | | 3 | 13 |
| 6/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| / -1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 19.54 | 2.02 | 5.31 | 10.7 | 2.0 | .4 | .1 | | | | | | | | | | | | | | | 891 | | 891 | 891 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | Σ X | | X | | X | | X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | |
| Rel. Hum. | 5666778 | | 69618 | | 78.115.977 | | 891 | | 891 | | 891 | | ≤ 0 F | 33.7 | | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | 90 | | | |
| Dry Bulb | 1226292 | | 31886 | | 35.7 9.852 | | 892 | | 891 | | 891 | | ≤ 0 F | 42.2 | | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | 90 | | | |
| Wet Bulb | 1090507 | | 29883 | | 33.5 9.959 | | 891 | | 891 | | 891 | | ≤ 0 F | 54.7 | | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | 90 | | | |
| Dew Point | 893324 | | 26002 | | 29.212.294 | | 891 | | 891 | | 891 | | ≤ 0 F | | | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | 90 | | | |

FORM 0-26-5 (OLA) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

69-70, 73-80

NOV
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|----|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 67 / 65 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 64 / 63 | | .2 | | .1 | | .1 | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | |
| 62 / 61 | | .1 | .1 | | .1 | .1 | | | | | | | | | | | | 4 | 4 | 2 | | | | | | | | | | | | | | |
| 61 / 59 | | .3 | | .2 | | .2 | | | | | | | | | | | | 7 | 7 | 2 | 3 | | | | | | | | | | | | | |
| 57 / 57 | .1 | .8 | .1 | .1 | | .2 | .2 | .1 | | | | | | | | | | 15 | 15 | 9 | 3 | | | | | | | | | | | | | |
| 56 / 55 | .8 | .9 | .2 | .1 | .3 | .2 | .3 | | | | | | | | | | | 26 | 26 | 17 | 19 | | | | | | | | | | | | | |
| 54 / 53 | .9 | 1.0 | .7 | .3 | .7 | .3 | | | | | | | | | | | | 35 | 35 | 19 | 16 | | | | | | | | | | | | | |
| 52 / 51 | .9 | .8 | .8 | .9 | 1.0 | .2 | | | | | | | | | | | | 41 | 41 | 20 | 14 | | | | | | | | | | | | | |
| 51 / 49 | 1.1 | 2.2 | 1.6 | .9 | .8 | .3 | | | | | | | | | | | | 62 | 62 | 33 | 23 | | | | | | | | | | | | | |
| 48 / 47 | .3 | 2.4 | 2.4 | 1.5 | 1.0 | .7 | | | | | | | | | | | | 73 | 73 | 43 | 25 | | | | | | | | | | | | | |
| 46 / 45 | .2 | 2.6 | 2.0 | 1.0 | 1.1 | 1.2 | | | | | | | | | | | | 73 | 73 | 56 | 29 | | | | | | | | | | | | | |
| 44 / 43 | .7 | 2.4 | 2.4 | 1.8 | 1.1 | .4 | | | | | | | | | | | | 78 | 78 | 81 | 39 | | | | | | | | | | | | | |
| 42 / 41 | .7 | 2.4 | 2.1 | 2.6 | 1.1 | | .1 | | | | | | | | | | | 80 | 80 | 66 | 47 | | | | | | | | | | | | | |
| 41 / 39 | .7 | 1.8 | 1.9 | .9 | 1.6 | .4 | .1 | | | | | | | | | | | 66 | 66 | 57 | 55 | | | | | | | | | | | | | |
| 38 / 37 | .6 | 2.1 | 1.9 | 2.9 | 1.0 | .1 | | | | | | | | | | | | 77 | 77 | 85 | 40 | | | | | | | | | | | | | |
| 36 / 35 | .7 | 1.1 | 2.6 | 2.1 | .7 | .1 | | | | | | | | | | | | 65 | 65 | 74 | 59 | | | | | | | | | | | | | |
| 34 / 33 | .4 | 1.1 | 1.7 | 1.5 | .4 | | | | | | | | | | | | | 46 | 47 | 56 | 52 | | | | | | | | | | | | | |
| 32 / 31 | .4 | 1.3 | 2.4 | 1.1 | .2 | | | | | | | | | | | | | 49 | 49 | 83 | 59 | | | | | | | | | | | | | |
| 31 / 29 | .3 | 2.0 | .7 | .3 | | | | | | | | | | | | | | 30 | 30 | 50 | 50 | | | | | | | | | | | | | |
| 26 / 27 | .2 | .2 | .6 | .8 | | | | | | | | | | | | | | 16 | 16 | 57 | 46 | | | | | | | | | | | | | |
| 26 / 25 | | .8 | .8 | .2 | | | | | | | | | | | | | | 16 | 16 | 28 | 44 | | | | | | | | | | | | | |
| 24 / 23 | | .4 | .4 | .1 | | | | | | | | | | | | | | 9 | 9 | 20 | 49 | | | | | | | | | | | | | |
| 22 / 21 | .1 | .3 | .2 | .1 | | | | | | | | | | | | | | 7 | 7 | 14 | 47 | | | | | | | | | | | | | |
| 21 / 19 | | .4 | .3 | | | | | | | | | | | | | | | 7 | 7 | 7 | 54 | | | | | | | | | | | | | |
| 18 / 17 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 8 | 29 | | | | | | | | | | | | | |
| 16 / 15 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 2 | 14 | | | | | | | | | | | | | |
| 14 / 13 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 25 | | | | | | | | | | | | | |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | 1 | 16 | | | | | | | | | | | | | |
| 11 / 9 | | | | | | | | | | | | | | | | | | | | 1 | 8 | | | | | | | | | | | | | |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | |
| 6 / 5 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 6.6 | 17.1 | 17.9 | 23.4 | 17.5 | 12.3 | 3.5 | 1.3 | .5 | | | | | | | | | 879 | 880 | 879 | 879 |
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PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 1 1500-1700
HOURS (L - S - T)

[illegible]

PSYCHROMETRIC SUMMARY

NOV

MONTH

1500-1700

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
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| -1 | | | | | | | | | | | | | | | | | | | | | | 3 |
| -3 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.4 | 18.8 | 23.9 | 23.0 | 14.4 | 8.3 | 3.0 | .9 | .2 | | | | | | | | | | 888 | 888 | 888 | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743921 BRUNSWICK NAS ME

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|------------------------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 2 / 61 | | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | | | |
| 1 / 59 | .1 | .3 | | | | .1 | .1 | | | | | | | | | | | | 6 | 6 | 1 | 1 | | |
| 5 / 57 | | | | .1 | .1 | .1 | .1 | | | | | | | | | | | | 4 | 4 | 3 | 3 | | |
| 5 / 55 | .9 | .6 | .1 | .1 | .1 | | | | | | | | | | | | | | 16 | 16 | 9 | 9 | | |
| 4 / 53 | .7 | .5 | .7 | | | .2 | | | | | | | | | | | | | 18 | 18 | 12 | 7 | | |
| 2 / 51 | 1.1 | 1.4 | .7 | .8 | .1 | | | | | | | | | | | | | | 36 | 36 | 28 | 19 | | |
| 5 / 49 | .7 | 1.9 | 1.5 | .6 | .3 | .1 | | | | | | | | | | | | | 45 | 46 | 21 | 19 | | |
| 4 / 47 | .6 | 2.7 | 2.3 | .7 | .3 | .1 | .1 | | | | | | | | | | | | 60 | 60 | 38 | 25 | | |
| 4 / 45 | 1.0 | 2.9 | 2.1 | .5 | .3 | .1 | | | | | | | | | | | | | 62 | 63 | 54 | 31 | | |
| 4 / 43 | .5 | 2.8 | 2.0 | .7 | .9 | .3 | | | | | | | | | | | | | 64 | 64 | 58 | 35 | | |
| 2 / 41 | .6 | 2.5 | 2.4 | 1.2 | 1.2 | .5 | | | | | | | | | | | | | 74 | 74 | 65 | 40 | | |
| 4 / 39 | .1 | 3.2 | 3.3 | 2.4 | .9 | | .1 | | | | | | | | | | | | 88 | 88 | 41 | 54 | | |
| 3 / 37 | 1.4 | 2.3 | 2.8 | 1.6 | .5 | .2 | | | | | | | | | | | | | 77 | 77 | 78 | 59 | | |
| 1 / 35 | .6 | 1.1 | 2.9 | 1.6 | .9 | | | | | | | | | | | | | | 63 | 63 | 67 | 53 | | |
| 3 / 33 | .5 | 2.6 | 2.3 | 1.9 | .7 | | | | | | | | | | | | | | 70 | 70 | 74 | 43 | | |
| 2 / 31 | .2 | 1.5 | 2.4 | 1.4 | .8 | | | | | | | | | | | | | | 55 | 55 | 76 | 32 | | |
| 1 / 29 | | 1.8 | 2.5 | 1.4 | .1 | | | | | | | | | | | | | | 51 | 51 | 60 | 59 | | |
| 2 / 27 | .5 | 1.2 | 2.6 | .2 | | | | | | | | | | | | | | | 40 | 40 | 60 | 50 | | |
| 1 / 25 | | .5 | 1.9 | .2 | | | | | | | | | | | | | | | 23 | 23 | 51 | 40 | | |
| 2 / 23 | | .8 | .8 | | | | | | | | | | | | | | | | 14 | 14 | 43 | 39 | | |
| 2 / 21 | .1 | | .8 | | | | | | | | | | | | | | | | 8 | 8 | 24 | 46 | | |
| 1 / 19 | | .2 | .2 | | | | | | | | | | | | | | | | 4 | 4 | 9 | 47 | | |
| 1 / 17 | | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 30 | | |
| 1 / 15 | | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 36 | | |
| 1 / 13 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 28 | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 1 | 27 | | |
| 1 / 9 | | | | | | | | | | | | | | | | | | | | | 1 | 20 | | |
| 1 / 7 | | | | | | | | | | | | | | | | | | | | | | 12 | | |
| 1 / 5 | | | | | | | | | | | | | | | | | | | | | | 6 | | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | | 8 | | |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 1 / -3 | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| -4 / -5 | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Element (X) | Σ X' | | | | Σ X | | | | Σ | | | | Σ | | | | Σ | | | | No. Obs. | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | Mean No. of Hours with Temperature | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | ≤ 32 F | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | = 67 F | | | |
| | | | | | | | | | | | | | | | | | | | | | = 73 F | | | |
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USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7439.20
STATION

BRUNSWICK NAS ME

69-70, 73-80

NOV

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|------|-------|------|------|------|--------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|---|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 59 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | |
| 57 | .2 | .2 | | | | | | | | | | | | | | | | 4 | 4 | 3 | 3 | | | | | |
| 56/ 55 | .5 | .9 | | .3 | .2 | | | | | | | | | | | | | 17 | 17 | 8 | 5 | | | | | |
| 54/ 53 | .8 | .7 | .5 | .2 | | .2 | | | | | | | | | | | | 21 | 21 | 16 | 13 | | | | | |
| 52/ 51 | .5 | 1.2 | .8 | .2 | .5 | | | | | | | | | | | | | 28 | 28 | 17 | 15 | | | | | |
| 50 / 49 | 1.0 | 2.0 | 1.4 | .7 | .1 | | | | | | | | | | | | | 46 | 46 | 22 | 19 | | | | | |
| 48 / 47 | 1.0 | 2.4 | .7 | .5 | .2 | | | | | | | | | | | | | 42 | 42 | 44 | 26 | | | | | |
| 46 / 45 | .6 | 2.9 | 2.4 | .1 | | | | | | | | | | | | | | 53 | 53 | 42 | 29 | | | | | |
| 44 / 43 | .7 | 2.7 | .5 | .2 | .3 | | | | | | | | | | | | | 39 | 39 | 51 | 48 | | | | | |
| 42 / 41 | 1.2 | 2.7 | 1.4 | 1.4 | .9 | .1 | | | | | | | | | | | | 68 | 68 | 57 | 30 | | | | | |
| 40 / 39 | 1.1 | 1.5 | 1.7 | 2.3 | .7 | | | | | | | | | | | | | 64 | 64 | 43 | 50 | | | | | |
| 38 / 37 | 1.0 | 2.7 | 2.7 | .8 | | | | | | | | | | | | | | 64 | 64 | 39 | 46 | | | | | |
| 36 / 35 | .9 | 2.5 | 3.6 | 2.5 | .2 | | | | | | | | | | | | | 86 | 86 | 70 | 43 | | | | | |
| 34 / 33 | .6 | 3.3 | 3.8 | 1.7 | .3 | | | | | | | | | | | | | 86 | 86 | 75 | 30 | | | | | |
| 32 / 31 | .5 | 2.3 | 1.9 | 1.0 | .8 | | | | | | | | | | | | | 57 | 57 | 87 | 51 | | | | | |
| 30 / 29 | .6 | 2.4 | 1.9 | 1.0 | | | | | | | | | | | | | | 52 | 52 | 64 | 49 | | | | | |
| 28 / 27 | .3 | 2.7 | 2.5 | .7 | | | | | | | | | | | | | | 55 | 55 | 59 | 51 | | | | | |
| 26 / 25 | .3 | 1.1 | 2.0 | .2 | | | | | | | | | | | | | | 33 | 33 | 61 | 50 | | | | | |
| 24 / 23 | .2 | .8 | 1.4 | | | | | | | | | | | | | | | 21 | 21 | 44 | 51 | | | | | |
| 22 / 21 | .2 | 1.2 | 1.0 | | | | | | | | | | | | | | | 22 | 22 | 32 | 39 | | | | | |
| 20 / 19 | .1 | .7 | | | | | | | | | | | | | | | | 7 | 7 | 28 | 60 | | | | | |
| 18 / 17 | | .8 | .2 | | | | | | | | | | | | | | | 9 | 9 | 8 | 40 | | | | | |
| 16 / 15 | | .5 | .1 | | | | | | | | | | | | | | | 5 | 5 | 6 | 26 | | | | | |
| 14 / 13 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 4 | 33 | | | | | |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | 2 | 24 | | | | | |
| 10 / 9 | | | | | | | | | | | | | | | | | | | | 2 | 20 | | | | | |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | |
| 6 / 5 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| 0 / -1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| -2 / -3 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| TOTAL | 12.3 | 38.6 | 30.7 | 13.8 | 4.3 | .3 | | | | | | | | | | | | 884 | 884 | 884 | 884 | | | | | |
| Element (X) | ΣX ² | | ΣX | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | |
| Rel. Hum. | 5225888 | | 66284 | | 75.0 | | 17.020 | | 884 | | Σ 0 F | | Σ 32 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | | Σ 93 F | | Total | | | |
| Dry Bulb | 1301819 | | 32957 | | 37.3 | | 9.100 | | 884 | | | | 27.0 | | | | | | | | | | 90 | | | |
| Wet Bulb | 1135358 | | 30576 | | 34.6 | | 9.386 | | 884 | | | | 40.4 | | | | | | | | | | 90 | | | |
| Dew Point | 905697 | | 26113 | | 29.5 | | 12.334 | | 884 | | .3 | | 53.7 | | | | | | | | | | 90 | | | |

USAFETAC FORM 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-70, 73-80

NOV
MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--|-------|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 74 / 73 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 72 / 71 | | | | | .0 | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | |
| 7 / 69 | | | | | .0 | .0 | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | |
| 68 / 67 | | | | .0 | .0 | .0 | .0 | | | | | | | | | | | 8 | 8 | | | | | | | | | | | | | |
| 66 / 65 | | | .0 | | | .0 | .1 | .0 | .0 | | | | | | | | | 10 | 10 | 1 | | | | | | | | | | | | |
| 64 / 63 | | .0 | | .0 | .0 | .1 | .0 | | | | | | | | | | | 9 | 9 | 2 | | | | | | | | | | | | |
| 62 / 61 | | .0 | .0 | | .1 | .0 | .0 | .0 | .1 | | | | | | | | | 14 | 14 | 6 | | | | | | | | | | | | |
| 60 / 59 | .1 | .1 | .1 | .1 | .0 | .1 | .1 | .1 | .0 | | | | | | | | | 42 | 42 | 12 | | | | | | | | | | | | |
| 58 / 57 | .2 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | 79 | 79 | 34 | | | | | | | | | | | | |
| 56 / 55 | .8 | .6 | .2 | .1 | .3 | .2 | .1 | .1 | | | | | | | | | | 167 | 167 | 109 | | | | | | | | | | | | |
| 54 / 53 | .9 | .7 | .5 | .3 | .2 | .3 | .0 | .1 | | | | | | | | | | 203 | 203 | 129 | | | | | | | | | | | | |
| 52 / 51 | .8 | 1.0 | .7 | .7 | .4 | .3 | .1 | | | | | | | | | | | 288 | 288 | 154 | | | | | | | | | | | | |
| 50 / 49 | .9 | 1.8 | 1.2 | .7 | .6 | .3 | .2 | | | | | | | | | | | 406 | 407 | 197 | | | | | | | | | | | | |
| 48 / 47 | .8 | 2.5 | 1.4 | .9 | .7 | .4 | .1 | | | | | | | | | | | 482 | 482 | 343 | | | | | | | | | | | | |
| 46 / 45 | .5 | 2.5 | 1.9 | 1.1 | .6 | .5 | .1 | | | | | | | | | | | 505 | 506 | 392 | | | | | | | | | | | | |
| 44 / 43 | .6 | 2.2 | 1.3 | .9 | .6 | .4 | .1 | | | | | | | | | | | 430 | 430 | 437 | | | | | | | | | | | | |
| 42 / 41 | 1.1 | 2.2 | 1.7 | 1.6 | 1.2 | .4 | .0 | | | | | | | | | | | 585 | 585 | 523 | | | | | | | | | | | | |
| 40 / 39 | 1.0 | 2.3 | 1.9 | 1.7 | 1.1 | .4 | .0 | | | | | | | | | | | 591 | 591 | 452 | | | | | | | | | | | | |
| 38 / 37 | 1.0 | 2.0 | 2.0 | 1.6 | .5 | .1 | | | | | | | | | | | | 506 | 506 | 527 | | | | | | | | | | | | |
| 36 / 35 | .8 | 1.8 | 2.2 | 1.7 | .4 | .0 | | | | | | | | | | | | 493 | 494 | 547 | | | | | | | | | | | | |
| 34 / 33 | .5 | 2.2 | 2.4 | 1.5 | .4 | | | | | | | | | | | | | 497 | 499 | 553 | | | | | | | | | | | | |
| 32 / 31 | .5 | 1.9 | 2.5 | 1.1 | .3 | | | | | | | | | | | | | 458 | 458 | 549 | | | | | | | | | | | | |
| 30 / 29 | .4 | 1.7 | 1.7 | .9 | .1 | | | | | | | | | | | | | 342 | 342 | 487 | | | | | | | | | | | | |
| 28 / 27 | .2 | 1.6 | 1.5 | .5 | | | | | | | | | | | | | | 267 | 267 | 429 | | | | | | | | | | | | |
| 26 / 25 | .2 | 1.4 | 1.3 | .2 | | | | | | | | | | | | | | 224 | 224 | 377 | | | | | | | | | | | | |
| 24 / 23 | .2 | .9 | .9 | .0 | | | | | | | | | | | | | | 142 | 143 | 305 | | | | | | | | | | | | |
| 22 / 21 | .5 | .7 | .8 | .0 | | | | | | | | | | | | | | 145 | 146 | 206 | | | | | | | | | | | | |
| 20 / 19 | .2 | .7 | .4 | | | | | | | | | | | | | | | 88 | 88 | 148 | | | | | | | | | | | | |
| 18 / 17 | .1 | .5 | .1 | | | | | | | | | | | | | | | 49 | 49 | 77 | | | | | | | | | | | | |
| 16 / 15 | .0 | .2 | .1 | | | | | | | | | | | | | | | 25 | 25 | 45 | | | | | | | | | | | | |
| 14 / 13 | .0 | .2 | .1 | | | | | | | | | | | | | | | 20 | 20 | 21 | | | | | | | | | | | | |
| 12 / 11 | | .1 | | | | | | | | | | | | | | | | 8 | 8 | 14 | | | | | | | | | | | | |
| 10 / 9 | .0 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 18 | | | | | | | | | | | | |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ _A | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

NOV
MONTH

YEARS

ALL

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 56 / 55 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 54 / 53 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | | 3 | | | | |
| 52 / 51 | | .1 | .5 | | | | | | | | | | | | | | | 6 | 6 | 2 | 1 | | | | |
| 50 / 49 | .1 | .7 | | | | | | | | | | | | | | | | 7 | 7 | 3 | 3 | | | | |
| 48 / 47 | | .2 | | .1 | | | | | | | | | | | | | | 3 | 3 | 9 | 2 | | | | |
| 46 / 45 | .5 | .5 | | | | | | | | | | | | | | | | 10 | 10 | 8 | 16 | | | | |
| 44 / 43 | .1 | .7 | .5 | .1 | .4 | | | | | | | | | | | | | 17 | 17 | 9 | 3 | | | | |
| 42 / 41 | .4 | .9 | .8 | .1 | .1 | | | | | | | | | | | | | 21 | 21 | 12 | 10 | | | | |
| 40 / 39 | .7 | 1.8 | .4 | | .2 | | | | | | | | | | | | | 28 | 28 | 25 | 10 | | | | |
| 38 / 37 | .5 | 2.1 | .7 | .2 | | | | | | | | | | | | | | 32 | 32 | 24 | 26 | | | | |
| 36 / 35 | .8 | 1.6 | 2.4 | .8 | | | | | | | | | | | | | | 51 | 51 | 30 | 22 | | | | |
| 34 / 33 | .4 | 1.5 | 2.5 | .5 | .1 | | | | | | | | | | | | | 47 | 47 | 35 | 18 | | | | |
| 32 / 31 | .7 | 3.7 | 2.3 | .1 | .1 | | | | | | | | | | | | | 63 | 63 | 54 | 26 | | | | |
| 30 / 29 | .1 | 3.1 | 2.7 | .4 | | | | | | | | | | | | | | 58 | 58 | 57 | 27 | | | | |
| 28 / 27 | .8 | 4.4 | 2.4 | .5 | | | | | | | | | | | | | | 74 | 74 | 68 | 34 | | | | |
| 26 / 25 | .9 | 3.3 | 1.4 | .2 | | | | | | | | | | | | | | 53 | 53 | 75 | 52 | | | | |
| 24 / 23 | .3 | 2.0 | .9 | .1 | | | | | | | | | | | | | | 30 | 30 | 54 | 45 | | | | |
| 22 / 21 | .9 | 2.5 | 2.5 | | | | | | | | | | | | | | | 54 | 54 | 40 | 54 | | | | |
| 20 / 19 | .5 | 3.7 | 2.2 | | | | | | | | | | | | | | | 59 | 59 | 52 | 55 | | | | |
| 18 / 17 | .3 | 3.6 | 1.1 | | | | | | | | | | | | | | | 46 | 46 | 61 | 35 | | | | |
| 16 / 15 | .4 | 2.6 | 1.1 | | | | | | | | | | | | | | | 38 | 38 | 46 | 48 | | | | |
| 14 / 13 | | 2.7 | .4 | | | | | | | | | | | | | | | 29 | 29 | 35 | 45 | | | | |
| 12 / 11 | .9 | 2.7 | | | | | | | | | | | | | | | | 33 | 33 | 39 | 48 | | | | |
| 10 / 9 | .8 | 2.8 | .3 | | | | | | | | | | | | | | | 36 | 36 | 35 | 36 | | | | |
| 8 / 7 | .2 | 2.1 | | | | | | | | | | | | | | | | 21 | 21 | 27 | 55 | | | | |
| 6 / 5 | .4 | 1.6 | | | | | | | | | | | | | | | | 19 | 19 | 28 | 25 | | | | |
| 4 / 3 | .8 | 1.8 | | | | | | | | | | | | | | | | 23 | 23 | 25 | 39 | | | | |
| 2 / 1 | .3 | 2.2 | | | | | | | | | | | | | | | | 23 | 23 | 18 | 37 | | | | |
| 0 / -1 | .8 | .4 | | | | | | | | | | | | | | | | 11 | 11 | 18 | 21 | | | | |
| -2 / -3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 5 | 21 | | | | |
| -4 / -5 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 22 | | | | |
| -6 / -7 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 13 | | | | |
| -8 / -9 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 11 | | | | |
| -10 / -11 | | | | | | | | | | | | | | | | | | | | | 11 | | | | |
| Element (X) | Σ X' | | Σ X | | X | | X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 44 0-26-5 (OL A) REVIS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| -1/-13 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 5 | | | |
| -14/-15 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| -18/-19 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 11 | | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| TOTAL | 14.7 | 55.8 | 25.3 | 3.3 | 1.0 | | | | | | | | | | | | | 913 | 913 | 913 | 913 | | | |
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PSYCHROMETRIC SUMMARY

DEC
MONTH

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743927 STATION BRUNSWICK NAS ME

69-70.73-80

YEARS

DEC

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|------------|-------|------------|-------|------------|-----------|------------|----------|------------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 4/ 53 | .2 | .1 | .3 | | | | | | | | | | | | | | | 6 | 6 | 2 | 2 | | | | |
| 2/ 51 | .2 | .4 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 4 | | | | |
| 5 / 49 | .3 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 8 | 6 | | | | |
| 2 / 47 | .6 | .3 | .4 | | | | .1 | | | | | | | | | | | 13 | 13 | 7 | 10 | | | | |
| 4 / 45 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 4 | 2 | | | | |
| 4 / 43 | .2 | .7 | .2 | .1 | .1 | | .1 | | | | | | | | | | | 13 | 13 | 13 | 5 | | | | |
| 2 / 41 | .6 | .9 | .3 | .1 | | | | | | | | | | | | | | 17 | 17 | 11 | 15 | | | | |
| 4 / 39 | .4 | 1.5 | 1.2 | .3 | .2 | | | | | | | | | | | | | 34 | 34 | 13 | 8 | | | | |
| 3 / 37 | .2 | 1.1 | .1 | | .1 | | | | | | | | | | | | | 14 | 14 | 20 | 11 | | | | |
| 3 / 35 | 1.0 | 1.2 | 1.0 | .1 | | | | | | | | | | | | | | 30 | 30 | 31 | 20 | | | | |
| 3 / 33 | 1.2 | 2.4 | 1.3 | .3 | .2 | | | | | | | | | | | | | 50 | 50 | 34 | 23 | | | | |
| 2 / 31 | .6 | 3.2 | 2.3 | .7 | | | | | | | | | | | | | | 61 | 61 | 37 | 31 | | | | |
| 3 / 29 | .3 | 4.1 | 1.5 | | .1 | | | | | | | | | | | | | 55 | 55 | 53 | 23 | | | | |
| 2 / 27 | 1.1 | 3.6 | 1.7 | | | | | | | | | | | | | | | 58 | 58 | 69 | 28 | | | | |
| 2 / 25 | .1 | 2.5 | 1.9 | | | | | | | | | | | | | | | 41 | 41 | 60 | 52 | | | | |
| 2 / 23 | .9 | 2.3 | 1.2 | .1 | | | | | | | | | | | | | | 41 | 41 | 47 | 42 | | | | |
| 2 / 21 | 1.7 | 3.2 | 1.9 | .1 | | | | | | | | | | | | | | 62 | 62 | 49 | 46 | | | | |
| 2 / 19 | 1.1 | 3.6 | 1.5 | | | | | | | | | | | | | | | 57 | 57 | 58 | 50 | | | | |
| 1 / 17 | .4 | 2.4 | 1.0 | | | | | | | | | | | | | | | 35 | 35 | 52 | 35 | | | | |
| 1 / 15 | .6 | 4.6 | .1 | | | | | | | | | | | | | | | 48 | 48 | 39 | 44 | | | | |
| 1 / 13 | .3 | 3.7 | .3 | | | | | | | | | | | | | | | 40 | 40 | 48 | 50 | | | | |
| 1 / 11 | 1.1 | 2.5 | .2 | | | | | | | | | | | | | | | 35 | 36 | 39 | 44 | | | | |
| 1 / 9 | 1.2 | 2.2 | .3 | | | | | | | | | | | | | | | 34 | 35 | 40 | 44 | | | | |
| 2 / 7 | 2.1 | 2.3 | .3 | | | | | | | | | | | | | | | 43 | 44 | 50 | 45 | | | | |
| 6 / 5 | 1.1 | 1.2 | | | | | | | | | | | | | | | | 21 | 21 | 25 | 45 | | | | |
| 4 / 3 | .3 | 1.1 | | | | | | | | | | | | | | | | 13 | 14 | 15 | 54 | | | | |
| 2 / 1 | .9 | 1.0 | | | | | | | | | | | | | | | | 17 | 17 | 18 | 31 | | | | |
| 1 / -1 | .8 | .3 | | | | | | | | | | | | | | | | 10 | 10 | 13 | 14 | | | | |
| -1 / -3 | .4 | .6 | | | | | | | | | | | | | | | | 9 | 9 | 10 | 24 | | | | |
| -2 / -5 | .3 | .4 | | | | | | | | | | | | | | | | 7 | 7 | 7 | 15 | | | | |
| -4 / -7 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 8 | 7 | | | | |
| -6 / -9 | .9 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 9 | | | | |
| -1 / -11 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 9 | | | | |
| -1 / -13 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 9 | | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | Total | | | |
| Rel. Hum. | | | | | | | | | | | $\pm 0 F$ | | $\pm 32 F$ | | $\pm 67 F$ | | $\pm 73 F$ | | $\pm 80 F$ | | $\pm 93 F$ | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-S (OL A) AIR WEATHER SERVICE OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|-----|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | |
| -14/-15 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 15 | | | | | | | |
| -14/-17 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | | | | |
| -14/-19 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 9 | | | | | | | |
| -14/-21 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | |
| -12/-23 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| -26/-29 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | |
| TOTAL | 23.35 | 4.41 | 9.4 | 1.9 | .8 | | .2 | | | | | | | | | | | 908 | 912 | 908 | 908 | | | | | | | |
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PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
JAN 44
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| - / -9 | 0.3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 17 | |
| - / -11 | | | | | | | | | | | | | | | | | | | | | 7 | |
| - / -13 | | | | | | | | | | | | | | | | | | | | | 4 | |
| - / -15 | | | | | | | | | | | | | | | | | | | | | 6 | |
| 2 / -23 | | | | | | | | | | | | | | | | | | | | | 1 | |
| 2 / -25 | | | | | | | | | | | | | | | | | | | | | 2 | |
| 2 / -29 | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | 3.325 | 6.36 | 4.20 | 5.7 | 7.5 | 1.7 | | .1 | .2 | | | | | | | | | | 909 | 910 | 909 | |

| Element (X) | Σ X ² | Σ X | X | g _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------------|-------|-------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 3879985 | 56829 | 62.51 | 18.981 | 909 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 952844 | 27862 | 30.61 | 10.477 | 910 | .3 | 52.0 | | | | | 93 |
| Wet Bulb | 759289 | 24635 | 27.11 | 10.047 | 909 | .3 | 65.7 | | | | | 93 |
| Dew Point | 480501 | 16689 | 18.41 | 13.847 | 909 | 7.6 | 78.9 | | | | | 93 |

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 57 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | |
| 55 | | | | | .1 | .1 | | | .1 | | | | | | | | | 3 | 3 | | | | | | | | | | | | | |
| 53 | .2 | .5 | | .1 | .1 | .1 | | .1 | | | | | | | | | | 11 | 11 | 6 | 5 | | | | | | | | | | | |
| 51 | .3 | .2 | .1 | .1 | | .1 | | | | | | | | | | | | 8 | 8 | 4 | 5 | | | | | | | | | | | |
| 49 | | .4 | .1 | .2 | .2 | | | | | | | | | | | | | 9 | 9 | 5 | 4 | | | | | | | | | | | |
| 47 | .1 | .8 | .3 | .3 | .1 | | .1 | | | | | | | | | | | 16 | 16 | 10 | 4 | | | | | | | | | | | |
| 45 | .3 | .5 | .7 | | .2 | | | | | | | | | | | | | 16 | 16 | 10 | 9 | | | | | | | | | | | |
| 43 | .4 | .4 | .5 | .3 | .4 | .2 | | | | | | | | | | | | 22 | 22 | 20 | 10 | | | | | | | | | | | |
| 41 | .5 | .7 | 1.4 | .5 | .5 | .1 | | | | | | | | | | | | 35 | 35 | 19 | 8 | | | | | | | | | | | |
| 39 | .7 | .8 | 1.1 | 1.4 | .9 | | | | | | | | | | | | | 44 | 44 | 21 | 20 | | | | | | | | | | | |
| 37 | .4 | .8 | 2.5 | 2.0 | .5 | | | | | | | | | | | | | 57 | 57 | 28 | 13 | | | | | | | | | | | |
| 35 | .9 | 1.3 | 2.5 | 2.6 | .5 | | | | | | | | | | | | | 72 | 72 | 47 | 26 | | | | | | | | | | | |
| 33 | .3 | 2.1 | 2.4 | 2.3 | .4 | | | | | | | | | | | | | 69 | 69 | 62 | 22 | | | | | | | | | | | |
| 31 | .9 | 2.3 | 2.8 | 1.3 | .2 | | | | | | | | | | | | | 69 | 69 | 72 | 29 | | | | | | | | | | | |
| 29 | .2 | 2.1 | 4.4 | 2.9 | | | | | | | | | | | | | | 89 | 89 | 75 | 38 | | | | | | | | | | | |
| 27 | .7 | 2.3 | 2.7 | 2.3 | .1 | | | | | | | | | | | | | 74 | 74 | 74 | 34 | | | | | | | | | | | |
| 25 | .2 | 1.7 | 3.1 | 1.4 | | | | | | | | | | | | | | 60 | 61 | 87 | 56 | | | | | | | | | | | |
| 23 | .5 | .8 | 3.6 | 1.0 | | | | | | | | | | | | | | 54 | 54 | 67 | 50 | | | | | | | | | | | |
| 21 | .3 | 1.3 | 2.9 | .3 | | | | | | | | | | | | | | 45 | 45 | 72 | 59 | | | | | | | | | | | |
| 19 | | .9 | 2.8 | .3 | | | | | | | | | | | | | | 37 | 37 | 56 | 61 | | | | | | | | | | | |
| 17 | .1 | 1.3 | 1.4 | | | | | | | | | | | | | | | 26 | 26 | 35 | 54 | | | | | | | | | | | |
| 15 | | 1.5 | 1.2 | | | | | | | | | | | | | | | 25 | 25 | 38 | 38 | | | | | | | | | | | |
| 13 | | 1.5 | 1.1 | | | | | | | | | | | | | | | 24 | 24 | 25 | 46 | | | | | | | | | | | |
| 11 | .3 | 1.4 | .3 | | | | | | | | | | | | | | | 19 | 19 | 28 | 53 | | | | | | | | | | | |
| 9 | .2 | .7 | .4 | | | | | | | | | | | | | | | 12 | 13 | 25 | 44 | | | | | | | | | | | |
| 7 | .3 | .7 | .3 | | | | | | | | | | | | | | | 12 | 12 | 13 | 35 | | | | | | | | | | | |
| 5 | .1 | .5 | | | | | | | | | | | | | | | | 6 | 6 | 10 | 42 | | | | | | | | | | | |
| 3 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 43 | | | | | | | | | | | |
| 1 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 29 | | | | | | | | | | | |
| -1 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 20 | | | | | | | | | | | |
| -3 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | | |
| -5 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 9 | | | | | | | | | | | |
| -7 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 10 | | | | | | | | | | | |
| -9 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 12 | | | | | | | | | | | |
| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 1 / -11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | |
| 1 / -13 | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 1 / -15 | | | | | | | | | | | | | | | | | | | | | 4 | | |
| 1 / -19 | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 1 / -21 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 2 / -25 | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 2 / -27 | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 2 / -29 | | | | | | | | | | | | | | | | | | | | | 3 | | |
| TOTAL | 8.5 | 27.9 | 38.8 | 19.4 | 4.4 | .7 | .1 | .1 | .1 | | | | | | | | | 922 | 924 | 922 | 922 | | |
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PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74392 BRUNSWICK NAS ME

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------------|----------|----------|-----------|--------|--------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | |
| 4 / 53 | .1 | .7 | | | | | | | | | | | | | | | | 7 | 7 | 2 | 1 | | |
| 2 / 51 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 7 | 7 | | |
| 5 / 49 | | .9 | | | | | | | | | | | | | | | | 8 | 8 | | 1 | | |
| 4 / 47 | .1 | .7 | | .2 | | | | | | | | | | | | | | 9 | 9 | 10 | 5 | | |
| 4 / 45 | | .2 | .4 | .1 | | | | | | | | | | | | | | 7 | 7 | 8 | 9 | | |
| 4 / 43 | .3 | .9 | .3 | .2 | | | | | | | | | | | | | | 16 | 16 | 9 | 6 | | |
| 2 / 41 | .2 | .9 | .4 | | .1 | | | | | | | | | | | | | 15 | 15 | 15 | 9 | | |
| 4 / 39 | 1.0 | 1.8 | .4 | .7 | | | | | | | | | | | | | | 35 | 35 | 26 | 18 | | |
| 3 / 37 | .9 | 1.5 | 1.4 | .7 | | | | | | | | | | | | | | 41 | 41 | 26 | 22 | | |
| 2 / 35 | 1.0 | 1.7 | 1.4 | .9 | | | | | | | | | | | | | | 45 | 45 | 28 | 22 | | |
| 34 / 33 | .3 | 1.4 | 2.3 | .4 | .1 | | | | | | | | | | | | | 42 | 42 | 39 | 16 | | |
| 2 / 31 | .3 | 3.5 | 2.5 | .6 | .2 | | | | | | | | | | | | | 65 | 65 | 41 | 23 | | |
| 7 / 29 | .3 | 2.0 | 4.6 | .3 | | | | | | | | | | | | | | 66 | 66 | 62 | 33 | | |
| 2 / 27 | .9 | 4.4 | 2.9 | .7 | | | | | | | | | | | | | | 80 | 80 | 53 | 38 | | |
| 2 / 25 | .9 | 3.2 | 2.3 | .2 | | | | | | | | | | | | | | 60 | 60 | 104 | 37 | | |
| 24 / 23 | .3 | 2.9 | 1.2 | .1 | | | | | | | | | | | | | | 41 | 41 | 68 | 38 | | |
| 2 / 21 | .1 | 2.0 | 2.3 | .1 | | | | | | | | | | | | | | 41 | 41 | 39 | 54 | | |
| 7 / 19 | .3 | 4.3 | 2.0 | | | | | | | | | | | | | | | 60 | 60 | 46 | 77 | | |
| 10 / 17 | .2 | 4.1 | 1.0 | | | | | | | | | | | | | | | 48 | 48 | 60 | 49 | | |
| 10 / 15 | .4 | 3.4 | 1.0 | | | | | | | | | | | | | | | 44 | 44 | 50 | 53 | | |
| 14 / 13 | .1 | 2.1 | .9 | | | | | | | | | | | | | | | 28 | 28 | 36 | 28 | | |
| 1 / 11 | .3 | 1.9 | .9 | | | | | | | | | | | | | | | 28 | 28 | 32 | 49 | | |
| 1 / 9 | .3 | 2.8 | .1 | | | | | | | | | | | | | | | 29 | 29 | 32 | 44 | | |
| 7 / 7 | .4 | 2.9 | | | | | | | | | | | | | | | | 30 | 30 | 32 | 56 | | |
| 7 / 5 | .3 | 1.0 | | | | | | | | | | | | | | | | 12 | 12 | 29 | 30 | | |
| 4 / 3 | .7 | .8 | | | | | | | | | | | | | | | | 13 | 13 | 15 | 29 | | |
| 7 / 1 | .1 | 1.7 | | | | | | | | | | | | | | | | 16 | 16 | 8 | 22 | | |
| 7 / -1 | .2 | .2 | | | | | | | | | | | | | | | | 4 | 4 | 14 | 30 | | |
| - / -3 | .2 | .4 | | | | | | | | | | | | | | | | 6 | 6 | 7 | 21 | | |
| -4 / -5 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 18 | | |
| -7 / -7 | .3 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 5 | 7 | | |
| -7 / -9 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| - / -11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 13 | | |
| -1 / -13 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | Mean No. of Hours with Temperature | | | | | | |
| | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| | | | | | | | | | | | | | | | | | | | | | | | |
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USAFETAC FORM 0-26-5 (OL A) 1-65 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| -14/-15 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 | | | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| TOTAL | 11.35 | 4.42 | 8.6 | 5.2 | .4 | | | | | | | | | | | | | 908 | 908 | 908 | 908 | | | | | |
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PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2

ALL

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

743920
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
YEARS

YEARS

PAGE 2

ALL
MONTH

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------------|-------|-------|-------|----------|-----------|----------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | |
| 35 / 35 | .4 | 1.2 | 1.0 | .7 | .2 | .0 | | | | | | | | | | | | 3079 | 3084 | 3359 | 2781 | | | | | | |
| 34 / 33 | .3 | 1.3 | 1.0 | .6 | .3 | .0 | | | | | | | | | | | | 3058 | 3064 | 3353 | 2630 | | | | | | |
| 32 / 31 | .2 | 1.3 | 1.1 | .6 | .2 | .0 | | | | | | | | | | | | 3027 | 3030 | 3140 | 3156 | | | | | | |
| 31 / 29 | .2 | .9 | 1.2 | .5 | .1 | | | | | | | | | | | | | 2509 | 2510 | 2960 | 2746 | | | | | | |
| 29 / 27 | .2 | 1.0 | .9 | .4 | .0 | | | | | | | | | | | | | 2222 | 2223 | 2753 | 2526 | | | | | | |
| 28 / 25 | .2 | .8 | .9 | .3 | .0 | | | | | | | | | | | | | 1915 | 1918 | 2796 | 2431 | | | | | | |
| 26 / 23 | .2 | .7 | .7 | .2 | .0 | | | | | | | | | | | | | 1475 | 1478 | 2233 | 2048 | | | | | | |
| 22 / 21 | .2 | .7 | .8 | .2 | | | | | | | | | | | | | | 1668 | 1671 | 1942 | 2208 | | | | | | |
| 19 / 19 | .2 | .9 | .9 | .1 | | | | | | | | | | | | | | 1778 | 1781 | 1823 | 2670 | | | | | | |
| 17 / 17 | .1 | .7 | .6 | .0 | | | | | | | | | | | | | | 1231 | 1233 | 1618 | 1968 | | | | | | |
| 15 / 15 | .1 | .8 | .5 | .0 | | | | | | | | | | | | | | 1265 | 1265 | 1435 | 1879 | | | | | | |
| 14 / 13 | .1 | .7 | .4 | | | | | | | | | | | | | | | 985 | 988 | 1244 | 1863 | | | | | | |
| 11 / 11 | .1 | .7 | .3 | | | | | | | | | | | | | | | 920 | 923 | 1113 | 1719 | | | | | | |
| 9 / 9 | .1 | .6 | .2 | | | | | | | | | | | | | | | 815 | 817 | 1042 | 1526 | | | | | | |
| 7 / 7 | .1 | .6 | .1 | | | | | | | | | | | | | | | 649 | 650 | 865 | 1480 | | | | | | |
| 5 / 5 | .1 | .5 | | | | | | | | | | | | | | | | 521 | 522 | 709 | 1145 | | | | | | |
| 4 / 3 | .1 | .4 | | | | | | | | | | | | | | | | 441 | 442 | 558 | 1191 | | | | | | |
| 3 / 1 | .1 | .3 | | | | | | | | | | | | | | | | 355 | 355 | 400 | 1073 | | | | | | |
| 1 / -1 | .2 | .1 | | | | | | | | | | | | | | | | 275 | 275 | 384 | 756 | | | | | | |
| -1 / -3 | .1 | .2 | | | | | | | | | | | | | | | | 229 | 229 | 236 | 720 | | | | | | |
| -3 / -5 | .1 | .1 | | | | | | | | | | | | | | | | 147 | 148 | 175 | 664 | | | | | | |
| -5 / -7 | .1 | .0 | | | | | | | | | | | | | | | | 96 | 96 | 143 | 647 | | | | | | |
| -7 / -9 | .1 | | | | | | | | | | | | | | | | | 79 | 79 | 79 | 594 | | | | | | |
| -9 / -11 | .1 | | | | | | | | | | | | | | | | | 49 | 49 | 49 | 460 | | | | | | |
| -11 / -13 | .0 | | | | | | | | | | | | | | | | | 29 | 29 | 29 | 245 | | | | | | |
| -13 / -15 | .0 | | | | | | | | | | | | | | | | | 26 | 26 | 26 | 252 | | | | | | |
| -15 / -17 | .0 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 197 | | | | | | |
| -17 / -19 | .0 | | | | | | | | | | | | | | | | | 14 | 14 | 14 | 213 | | | | | | |
| -19 / -21 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 159 | | | | | | |
| -21 / -23 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 137 | | | | | | |
| -23 / -25 | | | | | | | | | | | | | | | | | | | | | 127 | | | | | | |
| -25 / -27 | | | | | | | | | | | | | | | | | | | | | 68 | | | | | | |
| -27 / -29 | | | | | | | | | | | | | | | | | | | | | 61 | | | | | | |
| -29 / -31 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | |
| Element (X) | Σ X ¹ | | | | Σ X | | | | X̄ | | | | σ _x | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

743920 BRUNSWICK NAS ME
STATION STATION NAME

69-72, 73-80

YEARS

**ALL
MONTH**

PAGE 3

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| -2/-33 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| -3/-35 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| -3/-37 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -3/-39 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| TOTAL | 7.9 | 32.0 | 24.7 | 14.5 | 8.2 | 5.2 | 3.4 | 2.1 | 1.2 | .5 | .2 | .1 | .0 | .0 | | | | | 86216 | 86100 | 86100 | | | |
| | | | | | | | | | | | | | | | | | | | 86100 | 86100 | 86100 | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

74392 BRUNSWICK NAS ME

69-70,73-80

| STATION | STATION NAME | YEARS | | | | | | | | | | | | |
|-----------|--------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP. | OCT | NOV | DEC | ANNUAL |
| 0-02 | MEAN | 17.8 | 18.9 | 29.2 | 37.5 | 47.9 | 56.7 | 62.6 | 62.6 | 54.1 | 44.4 | 36.4 | 23.6 | 41.1 |
| | S D | 13.087 | 11.938 | 9.010 | 6.756 | 6.627 | 6.226 | 5.700 | 5.739 | 8.290 | 9.250 | 9.325 | 12.522 | 17.996 |
| | TOTAL OBS | 915 | 839 | 907 | 888 | 916 | 885 | 919 | 913 | 884 | 920 | 888 | 913 | 10787 |
| 3-05 | MEAN | 16.3 | 17.0 | 27.7 | 36.0 | 46.5 | 55.2 | 61.2 | 60.9 | 52.4 | 43.0 | 35.6 | 22.4 | 39.6 |
| | S D | 13.381 | 12.169 | 9.341 | 7.068 | 7.334 | 7.386 | 5.983 | 6.127 | 8.429 | 9.442 | 9.752 | 13.003 | 18.182 |
| | TOTAL OBS | 920 | 830 | 904 | 889 | 910 | 888 | 917 | 908 | 892 | 921 | 893 | 923 | 10795 |
| 6-08 | MEAN | 15.4 | 16.5 | 28.6 | 39.5 | 51.4 | 60.7 | 66.0 | 64.5 | 54.7 | 43.9 | 35.7 | 22.1 | 41.7 |
| | S D | 13.631 | 12.884 | 9.445 | 7.668 | 7.260 | 7.810 | 5.941 | 6.812 | 8.214 | 9.197 | 9.852 | 13.865 | 19.956 |
| | TOTAL OBS | 911 | 827 | 902 | 880 | 910 | 887 | 909 | 913 | 883 | 913 | 892 | 912 | 10739 |
| 9-11 | MEAN | 20.7 | 23.3 | 35.0 | 47.0 | 58.2 | 67.5 | 73.2 | 72.3 | 62.4 | 51.6 | 41.5 | 26.6 | 48.4 |
| | S D | 11.978 | 10.501 | 8.800 | 9.351 | 8.663 | 8.092 | 6.604 | 8.577 | 7.150 | 8.164 | 8.756 | 11.560 | 20.312 |
| | TOTAL OBS | 919 | 841 | 909 | 888 | 917 | 888 | 919 | 914 | 889 | 919 | 893 | 920 | 10816 |
| 12-14 | MEAN | 25.7 | 28.4 | 38.5 | 50.0 | 60.9 | 69.9 | 75.8 | 75.5 | 65.6 | 55.3 | 44.7 | 30.7 | 51.9 |
| | S D | 10.801 | 9.299 | 8.680 | 9.596 | 9.014 | 8.811 | 7.389 | 7.737 | 7.509 | 8.248 | 8.499 | 10.902 | 19.608 |
| | TOTAL OBS | 909 | 821 | 912 | 878 | 911 | 884 | 915 | 916 | 884 | 914 | 880 | 910 | 10734 |
| 15-17 | MEAN | 25.3 | 28.6 | 38.1 | 48.6 | 59.3 | 68.1 | 74.3 | 73.6 | 64.3 | 53.8 | 42.9 | 29.4 | 50.6 |
| | S D | 10.673 | 9.776 | 8.183 | 8.756 | 8.979 | 7.937 | 6.652 | 8.059 | 6.926 | 7.905 | 8.249 | 10.451 | 19.063 |
| | TOTAL OBS | 915 | 834 | 903 | 887 | 917 | 888 | 919 | 914 | 886 | 916 | 888 | 924 | 10793 |
| 18-20 | MEAN | 21.7 | 24.3 | 34.2 | 43.9 | 54.4 | 63.2 | 68.8 | 68.5 | 59.2 | 48.5 | 39.1 | 26.3 | 46.1 |
| | S D | 12.064 | 9.715 | 7.711 | 7.442 | 7.400 | 7.374 | 6.623 | 6.173 | 6.658 | 8.174 | 8.485 | 11.133 | 18.424 |
| | TOTAL OBS | 915 | 831 | 902 | 883 | 917 | 881 | 914 | 908 | 889 | 913 | 886 | 911 | 10750 |
| 21-23 | MEAN | 19.1 | 21.2 | 31.4 | 40.3 | 50.4 | 59.0 | 64.9 | 64.6 | 56.1 | 45.7 | 37.3 | 24.6 | 43.0 |
| | S D | 12.267 | 10.881 | 7.895 | 6.559 | 6.597 | 6.027 | 4.982 | 5.675 | 7.075 | 8.931 | 9.154 | 11.790 | 17.932 |
| | TOTAL OBS | 920 | 838 | 912 | 889 | 917 | 894 | 915 | 919 | 893 | 915 | 884 | 911 | 10807 |
| ALL HOURS | MEAN | 20.3 | 22.3 | 32.8 | 42.8 | 53.6 | 62.5 | 68.4 | 67.8 | 58.6 | 48.3 | 39.2 | 25.7 | 45.3 |
| | S D | 12.787 | 11.820 | 9.518 | 9.384 | 9.293 | 9.100 | 8.144 | 8.636 | 8.897 | 9.767 | 9.596 | 12.302 | 19.443 |
| | TOTAL OBS | 7324 | 6663 | 7251 | 7082 | 7319 | 7099 | 7327 | 7305 | 7100 | 7331 | 7104 | 7324 | 86221 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

743920

BRUNSWICK NAS ME

69-70,73-80

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|-----------|-----------|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | |
| C-37 | MEAN | 16.2 | 16.9 | 26.5 | 34.5 | 44.7 | 53.7 | 59.5 | 59.7 | 51.5 | 41.7 | 34.1 | 21.8 | 38.5 | | | | | | | | | | | |
| | S D | 12.636 | 11.277 | 8.850 | 6.924 | 6.709 | 6.003 | 6.159 | 6.036 | 8.189 | 9.524 | 9.527 | 12.151 | 17.607 | | | | | | | | | | | |
| | TOTAL OBS | 912 | 838 | 904 | 885 | 914 | 884 | 919 | 912 | 881 | 919 | 887 | 913 | 10768 | | | | | | | | | | | |
| 1-05 | MEAN | 14.8 | 15.3 | 25.3 | 33.4 | 43.8 | 52.7 | 58.6 | 58.6 | 50.1 | 40.5 | 33.5 | 20.8 | 37.4 | | | | | | | | | | | |
| | S D | 12.912 | 11.818 | 9.391 | 7.215 | 7.050 | 6.522 | 6.199 | 6.406 | 8.604 | 9.720 | 9.935 | 12.586 | 17.863 | | | | | | | | | | | |
| | TOTAL OBS | 920 | 830 | 904 | 887 | 910 | 883 | 914 | 906 | 892 | 921 | 891 | 922 | 10780 | | | | | | | | | | | |
| 6-36 | MEAN | 14.7 | 14.8 | 26.1 | 36.1 | 47.2 | 56.7 | 61.9 | 61.2 | 51.9 | 41.3 | 33.5 | 20.5 | 38.9 | | | | | | | | | | | |
| | S D | 13.172 | 12.194 | 9.427 | 7.360 | 6.707 | 6.099 | 5.154 | 6.136 | 8.239 | 9.406 | 9.959 | 13.073 | 19.029 | | | | | | | | | | | |
| | TOTAL OBS | 910 | 827 | 902 | 878 | 907 | 881 | 905 | 909 | 880 | 911 | 891 | 907 | 10708 | | | | | | | | | | | |
| 1-1 | MEAN | 18.6 | 20.5 | 30.8 | 40.4 | 50.9 | 59.7 | 65.1 | 65.0 | 56.3 | 46.2 | 37.7 | 24.2 | 43.0 | | | | | | | | | | | |
| | S D | 11.585 | 10.023 | 8.484 | 7.460 | 6.897 | 6.278 | 5.571 | 5.851 | 6.792 | 8.319 | 8.842 | 11.170 | 18.174 | | | | | | | | | | | |
| | TOTAL OBS | 915 | 838 | 908 | 885 | 913 | 887 | 916 | 907 | 887 | 915 | 892 | 919 | 10782 | | | | | | | | | | | |
| 1-14 | MEAN | 22.4 | 24.4 | 33.1 | 42.2 | 52.1 | 60.7 | 66.0 | 66.0 | 57.7 | 48.0 | 39.4 | 27.1 | 45.1 | | | | | | | | | | | |
| | S D | 10.193 | 8.713 | 7.990 | 7.239 | 6.942 | 6.293 | 5.820 | 6.113 | 6.543 | 8.063 | 8.270 | 10.153 | 17.108 | | | | | | | | | | | |
| | TOTAL OBS | 907 | 821 | 911 | 876 | 910 | 882 | 913 | 913 | 883 | 914 | 879 | 909 | 10718 | | | | | | | | | | | |
| 1-17 | MEAN | 22.1 | 24.5 | 32.9 | 41.5 | 51.3 | 59.7 | 65.3 | 65.1 | 57.1 | 47.2 | 38.2 | 26.2 | 44.4 | | | | | | | | | | | |
| | S D | 10.215 | 8.392 | 7.548 | 6.662 | 6.883 | 5.888 | 5.293 | 5.939 | 6.372 | 7.976 | 8.321 | 10.038 | 16.868 | | | | | | | | | | | |
| | TOTAL OBS | 912 | 830 | 903 | 886 | 915 | 887 | 915 | 910 | 882 | 915 | 887 | 920 | 10762 | | | | | | | | | | | |
| -2 | MEAN | 19.2 | 21.4 | 30.2 | 38.8 | 48.8 | 57.2 | 62.8 | 62.9 | 54.6 | 44.3 | 35.9 | 23.9 | 41.8 | | | | | | | | | | | |
| | S D | 11.346 | 9.485 | 7.616 | 6.371 | 6.270 | 5.582 | 5.152 | 5.440 | 6.547 | 8.476 | 8.905 | 10.984 | 17.139 | | | | | | | | | | | |
| | TOTAL OBS | 915 | 830 | 900 | 881 | 916 | 879 | 911 | 905 | 889 | 911 | 883 | 908 | 10728 | | | | | | | | | | | |
| 1-23 | MEAN | 17.3 | 18.9 | 28.3 | 36.5 | 46.6 | 55.1 | 60.8 | 60.9 | 52.9 | 42.5 | 34.6 | 22.6 | 39.9 | | | | | | | | | | | |
| | S D | 11.845 | 10.560 | 8.085 | 6.483 | 6.309 | 5.613 | 5.201 | 5.620 | 7.337 | 9.125 | 9.379 | 11.532 | 17.327 | | | | | | | | | | | |
| | TOTAL OBS | 916 | 838 | 910 | 886 | 915 | 892 | 912 | 918 | 892 | 911 | 883 | 911 | 10784 | | | | | | | | | | | |
| ALL HOURS | MEAN | 18.1 | 19.6 | 29.2 | 37.9 | 48.2 | 56.9 | 62.5 | 62.4 | 54.0 | 44.0 | 35.8 | 23.4 | 41.1 | | | | | | | | | | | |
| | S D | 12.138 | 10.972 | 8.915 | 7.621 | 7.317 | 6.642 | 6.169 | 6.478 | 7.833 | 9.248 | 9.413 | 11.725 | 17.854 | | | | | | | | | | | |
| | TOTAL OBS | 7307 | 6652 | 7242 | 7064 | 7300 | 7075 | 7305 | 7280 | 7086 | 7317 | 7093 | 7309 | 86030 | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7-3921 BRUNSWICK NAS ME

69-70,73-80

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | | |
|-----------|-----------|--------------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|--|
| HRS. LST. | | JAN | FEB | MAR | APR. | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | | |
| 0-32 | MEAN | 8.6 | 8.4 | 19.5 | 29.2 | 41.0 | 51.1 | 57.1 | 57.6 | 48.9 | 37.9 | 29.5 | 15.4 | 33.8 | | | | | | | | | | | | |
| | S D | 15.955 | 15.207 | 12.932 | 9.949 | 8.693 | 6.863 | 7.618 | 7.263 | 9.482 | 11.886 | 12.140 | 14.977 | 20.692 | | | | | | | | | | | | |
| | TOTAL OBS | 912 | 838 | 904 | 885 | 914 | 884 | 919 | 912 | 881 | 919 | 887 | 913 | 10768 | | | | | | | | | | | | |
| 03-05 | MEAN | 7.4 | 7.2 | 18.7 | 28.6 | 40.6 | 50.4 | 56.5 | 56.9 | 47.9 | 36.9 | 29.1 | 14.7 | 33.0 | | | | | | | | | | | | |
| | S D | 16.013 | 15.690 | 13.105 | 9.960 | 8.705 | 7.380 | 7.396 | 7.264 | 9.740 | 11.962 | 12.380 | 15.354 | 20.886 | | | | | | | | | | | | |
| | TOTAL OBS | 920 | 830 | 904 | 887 | 910 | 883 | 914 | 906 | 892 | 921 | 891 | 922 | 10780 | | | | | | | | | | | | |
| 06-08 | MEAN | 6.8 | 6.7 | 19.5 | 30.4 | 42.5 | 53.4 | 58.8 | 58.8 | 49.2 | 37.6 | 29.2 | 14.6 | 34.1 | | | | | | | | | | | | |
| | S D | 16.077 | 15.758 | 13.215 | 10.258 | 9.013 | 7.147 | 6.875 | 7.156 | 10.390 | 11.561 | 12.294 | 15.536 | 21.714 | | | | | | | | | | | | |
| | TOTAL OBS | 910 | 827 | 902 | 878 | 907 | 881 | 905 | 909 | 880 | 911 | 891 | 907 | 10708 | | | | | | | | | | | | |
| 09-11 | MEAN | 10.2 | 10.8 | 21.9 | 31.2 | 43.3 | 53.8 | 59.8 | 60.1 | 51.1 | 39.7 | 31.6 | 17.3 | 36.0 | | | | | | | | | | | | |
| | S D | 15.242 | 14.543 | 13.241 | 10.793 | 10.079 | 8.398 | 8.146 | 7.743 | 9.076 | 11.670 | 12.131 | 14.066 | 20.883 | | | | | | | | | | | | |
| | TOTAL OBS | 915 | 838 | 908 | 885 | 913 | 887 | 916 | 907 | 887 | 915 | 892 | 919 | 10782 | | | | | | | | | | | | |
| 12-14 | MEAN | 12.4 | 13.1 | 22.7 | 31.6 | 43.3 | 53.8 | 59.7 | 59.9 | 51.2 | 39.5 | 31.4 | 18.4 | 36.6 | | | | | | | | | | | | |
| | S D | 14.585 | 13.674 | 12.901 | 10.643 | 10.367 | 8.777 | 8.580 | 8.343 | 9.045 | 11.948 | 12.020 | 13.850 | 20.236 | | | | | | | | | | | | |
| | TOTAL OBS | 907 | 821 | 911 | 876 | 910 | 882 | 913 | 913 | 883 | 914 | 879 | 909 | 10718 | | | | | | | | | | | | |
| 15-17 | MEAN | 11.6 | 13.0 | 22.6 | 31.8 | 43.1 | 53.2 | 59.5 | 59.5 | 51.2 | 39.2 | 30.6 | 17.7 | 36.2 | | | | | | | | | | | | |
| | S D | 14.788 | 13.721 | 12.406 | 10.102 | 10.096 | 8.214 | 7.727 | 8.201 | 8.843 | 11.952 | 12.295 | 13.871 | 20.184 | | | | | | | | | | | | |
| | TOTAL OBS | 912 | 830 | 903 | 886 | 915 | 887 | 915 | 910 | 882 | 915 | 887 | 920 | 10762 | | | | | | | | | | | | |
| 18-20 | MEAN | 10.1 | 11.3 | 21.5 | 31.1 | 42.7 | 52.3 | 58.5 | 58.9 | 50.6 | 38.7 | 30.0 | 16.7 | 35.3 | | | | | | | | | | | | |
| | S D | 15.412 | 14.595 | 12.456 | 9.731 | 9.064 | 7.287 | 7.345 | 7.354 | 8.416 | 11.665 | 12.483 | 14.597 | 20.397 | | | | | | | | | | | | |
| | TOTAL OBS | 915 | 830 | 900 | 881 | 916 | 879 | 911 | 905 | 889 | 911 | 883 | 908 | 10728 | | | | | | | | | | | | |
| 21-23 | MEAN | 9.1 | 10.0 | 20.8 | 30.4 | 42.2 | 51.9 | 57.8 | 58.3 | 49.8 | 38.0 | 29.5 | 16.0 | 34.6 | | | | | | | | | | | | |
| | S D | 15.660 | 14.981 | 12.487 | 9.659 | 8.662 | 6.839 | 7.010 | 6.894 | 8.811 | 11.737 | 12.366 | 14.631 | 20.490 | | | | | | | | | | | | |
| | TOTAL OBS | 916 | 838 | 910 | 886 | 915 | 892 | 912 | 918 | 892 | 911 | 883 | 911 | 10784 | | | | | | | | | | | | |
| ALL HOURS | MEAN | 9.5 | 10.0 | 20.9 | 30.5 | 42.3 | 52.5 | 58.5 | 58.7 | 50.0 | 38.4 | 30.1 | 16.3 | 35.7 | | | | | | | | | | | | |
| | S D | 15.575 | 14.957 | 12.917 | 10.194 | 9.405 | 7.737 | 7.689 | 7.610 | 9.310 | 11.830 | 12.293 | 14.675 | 20.723 | | | | | | | | | | | | |
| | TOTAL OBS | 7307 | 6652 | 7242 | 7064 | 7300 | 7075 | 7305 | 7280 | 7086 | 7317 | 7093 | 7309 | 86030 | | | | | | | | | | | | |

2

RELATIVE HUMIDITY

JAF.

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 1-02 | 100.0 | 99.7 | 99.2 | 95.7 | 83.4 | 67.8 | 44.1 | 27.0 | 10.5 | 68.3 | 912 |
| | 3-05 | 100.0 | 99.8 | 99.2 | 96.5 | 83.4 | 67.6 | 47.0 | 23.4 | 11.7 | 68.8 | 920 |
| | 6-08 | 100.0 | 100.0 | 99.8 | 96.5 | 86.3 | 69.8 | 47.4 | 27.7 | 13.2 | 69.6 | 910 |
| | 9-11 | 100.0 | 99.9 | 98.8 | 90.7 | 76.8 | 56.2 | 37.6 | 24.7 | 12.0 | 65.4 | 915 |
| | 12-14 | 100.0 | 99.8 | 94.4 | 82.0 | 63.2 | 42.4 | 28.0 | 17.0 | 8.5 | 59.2 | 908 |
| | 15-17 | 100.0 | 99.7 | 93.8 | 80.9 | 59.8 | 41.6 | 26.0 | 16.1 | 7.6 | 58.2 | 912 |
| | 18-20 | 100.0 | 99.7 | 97.7 | 87.0 | 72.9 | 52.8 | 31.5 | 19.7 | 8.9 | 62.7 | 915 |
| | 21-23 | 100.0 | 99.9 | 98.7 | 92.0 | 79.7 | 62.9 | 39.6 | 23.5 | 9.6 | 66.3 | 916 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.6 | 97.7 | 91.2 | 75.7 | 57.6 | 37.7 | 22.6 | 10.3 | 64.8 | 7308 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

743920 BRUNSWICK NAS ME
STATION

69-70, 73-80
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 100.0 | 98.5 | 91.7 | 77.9 | 60.4 | 39.8 | 21.1 | 5.7 | 65.1 | 839 |
| | 03-05 | 100.0 | 100.0 | 98.2 | 92.4 | 80.8 | 62.7 | 43.5 | 23.1 | 6.5 | 66.4 | 830 |
| | 06-08 | 100.0 | 100.0 | 99.3 | 93.2 | 81.5 | 63.4 | 44.1 | 22.9 | 7.7 | 66.7 | 827 |
| | 09-11 | 100.0 | 100.0 | 95.7 | 84.4 | 64.6 | 48.3 | 32.7 | 17.9 | 6.8 | 60.6 | 638 |
| | 12-14 | 100.0 | 99.8 | 91.7 | 72.8 | 54.7 | 37.3 | 20.6 | 12.3 | 3.7 | 54.8 | 821 |
| | 15-17 | 100.0 | 99.0 | 88.8 | 72.2 | 53.9 | 35.9 | 22.1 | 12.7 | 4.7 | 54.5 | 836 |
| | 18-20 | 100.0 | 100.0 | 93.7 | 82.2 | 64.7 | 46.1 | 29.7 | 17.0 | 5.4 | 59.6 | 831 |
| | 21-23 | 100.0 | 100.0 | 97.3 | 90.1 | 74.2 | 54.8 | 35.6 | 19.3 | 6.6 | 63.3 | 838 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 95.4 | 84.9 | 69.0 | 51.1 | 33.5 | 18.3 | 5.9 | 61.4 | 6660 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

74352
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 100.0 | 99.8 | 98.7 | 92.5 | 83.3 | 67.8 | 48.4 | 31.3 | 11.6 | 69.3 | 905 |
| | 03-05 | 100.0 | 100.0 | 99.7 | 93.5 | 84.5 | 69.5 | 51.3 | 35.3 | 12.8 | 70.4 | 904 |
| | 06-08 | 100.0 | 100.0 | 99.6 | 93.8 | 84.1 | 67.0 | 52.3 | 37.7 | 14.5 | 70.5 | 902 |
| | 09-11 | 100.0 | 99.3 | 94.4 | 82.3 | 64.5 | 48.5 | 34.7 | 24.2 | 11.2 | 61.7 | 909 |
| | 12-14 | 100.0 | 98.4 | 88.4 | 73.7 | 55.5 | 38.5 | 27.7 | 13.2 | 5.6 | 56.5 | 912 |
| | 15-17 | 100.0 | 97.7 | 89.0 | 75.4 | 57.4 | 41.0 | 28.3 | 13.1 | 7.5 | 57.1 | 903 |
| | 18-20 | 100.0 | 99.4 | 94.1 | 84.2 | 70.3 | 51.4 | 36.7 | 24.1 | 9.2 | 62.6 | 901 |
| | 21-23 | 100.0 | 100.0 | 97.9 | 90.3 | 78.0 | 61.5 | 44.3 | 29.7 | 11.4 | 66.9 | 911 |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.3 | 95.2 | 85.7 | 72.2 | 55.7 | 40.5 | 27.3 | 10.5 | 64.3 | 7247 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

743921
STATION

BRUNSWICK NAS ME

STATION NAME

69-70,73-80

PERIOD

APR

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 100.0 | 100.0 | 100.0 | 97.1 | 88.8 | 77.4 | 59.5 | 38.3 | 16.4 | 73.7 | 885 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 98.8 | 92.3 | 81.0 | 66.1 | 43.5 | 18.1 | 75.6 | 888 |
| | 06-08 | 100.0 | 100.0 | 99.5 | 95.7 | 85.2 | 70.8 | 53.7 | 38.0 | 17.7 | 71.8 | 879 |
| | 09-11 | 100.0 | 99.4 | 92.2 | 74.6 | 55.8 | 38.0 | 28.6 | 20.1 | 10.6 | 57.7 | 887 |
| | 12-14 | 100.0 | 97.8 | 85.0 | 65.3 | 47.3 | 33.9 | 24.4 | 15.0 | 7.6 | 53.4 | 878 |
| | 15-17 | 100.0 | 97.1 | 87.9 | 73.9 | 53.8 | 38.9 | 28.4 | 17.4 | 7.7 | 56.3 | 886 |
| | 18-20 | 100.0 | 99.3 | 94.2 | 87.2 | 73.7 | 56.6 | 36.2 | 23.1 | 9.4 | 63.8 | 883 |
| | 21-23 | 100.0 | 99.9 | 99.2 | 94.2 | 84.9 | 67.9 | 48.9 | 31.3 | 14.3 | 69.8 | 886 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.2 | 94.8 | 85.9 | 72.7 | 58.1 | 43.2 | 28.3 | 12.7 | 65.3 | 7072 |

USAFETAC

FORM
JUL 54

0-87-5 (OL A)

RELATIVE HUMIDITY

MAY
MON

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 99.8 | 98.1 | 95.2 | 88.5 | 73.9 | 46.7 | 20.4 | 78.2 | 914 |
| | 03-05 | 100.0 | 100.0 | 99.8 | 99.1 | 97.8 | 90.9 | 81.6 | 54.5 | 24.1 | 80.9 | 910 |
| | 06-08 | 100.0 | 99.9 | 98.7 | 95.9 | 88.4 | 75.6 | 60.3 | 39.1 | 18.1 | 73.7 | 907 |
| | 09-11 | 100.0 | 98.9 | 93.4 | 82.6 | 65.3 | 47.0 | 33.2 | 21.3 | 8.9 | 61.0 | 914 |
| | 12-14 | 100.0 | 97.8 | 88.8 | 74.1 | 55.3 | 38.2 | 26.8 | 16.3 | 6.9 | 56.3 | 910 |
| | 15-17 | 100.0 | 97.6 | 90.3 | 77.7 | 64.3 | 44.3 | 31.0 | 19.3 | 6.3 | 58.9 | 915 |
| | 18-20 | 100.0 | 99.2 | 96.3 | 89.2 | 78.7 | 67.2 | 47.6 | 28.3 | 10.7 | 67.6 | 916 |
| | 21-23 | 100.0 | 100.0 | 99.1 | 96.8 | 90.9 | 80.7 | 66.0 | 40.4 | 16.0 | 74.9 | 915 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.2 | 95.8 | 89.2 | 79.5 | 66.6 | 52.6 | 33.2 | 13.9 | 68.9 | 7301 |

RELATIVE HUMIDITY

JUN
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.8 | 84.6 | 53.3 | 20.5 | 81.7 | 885 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 97.4 | 88.9 | 63.6 | 26.3 | 83.9 | 885 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.2 | 95.7 | 83.4 | 67.0 | 46.3 | 25.0 | 77.6 | 885 |
| | 09-11 | 100.0 | 100.0 | 98.3 | 89.1 | 73.8 | 54.5 | 36.9 | 24.4 | 10.3 | 64.5 | 887 |
| | 12-14 | 100.0 | 100.0 | 93.9 | 80.5 | 63.1 | 45.8 | 29.3 | 18.3 | 6.1 | 59.7 | 883 |
| | 15-17 | 100.0 | 100.0 | 96.2 | 86.6 | 68.0 | 50.7 | 32.7 | 21.2 | 7.7 | 62.0 | 887 |
| | 18-20 | 100.0 | 100.0 | 99.2 | 94.7 | 86.5 | 67.6 | 46.6 | 29.0 | 9.5 | 69.4 | 880 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 98.1 | 90.6 | 71.4 | 41.9 | 16.3 | 78.0 | 892 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.5 | 93.8 | 85.5 | 73.4 | 57.2 | 37.3 | 15.2 | 72.1 | 7084 |

RELATIVE HUMIDITY

JUL
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 0-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 96.3 | 83.8 | 59.6 | 27.7 | 82.8 | 919 |
| | 3-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.1 | 88.4 | 69.3 | 30.4 | 84.7 | 915 |
| | 6-08 | 100.0 | 100.0 | 100.0 | 99.8 | 97.0 | 86.7 | 69.1 | 50.4 | 23.4 | 78.6 | 907 |
| | 9-11 | 100.0 | 100.0 | 99.5 | 92.8 | 76.2 | 54.9 | 37.6 | 23.7 | 10.5 | 65.2 | 917 |
| | 12-14 | 100.0 | 100.0 | 97.4 | 84.7 | 62.8 | 44.3 | 28.9 | 17.5 | 7.3 | 59.9 | 914 |
| | 15-17 | 100.0 | 100.0 | 97.6 | 87.4 | 72.5 | 51.2 | 32.3 | 18.9 | 6.6 | 62.3 | 916 |
| | 18-20 | 100.0 | 100.0 | 99.7 | 96.6 | 87.9 | 74.0 | 52.5 | 32.2 | 9.8 | 71.0 | 914 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 99.8 | 98.8 | 90.7 | 73.0 | 47.4 | 17.3 | 78.6 | 912 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.3 | 95.1 | 86.9 | 74.5 | 58.2 | 39.9 | 16.6 | 72.9 | 7314 |

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

743921 BRUNSWICK NAS ME
STATION

STATION NAME

69-70,73-80
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.8 | 89.4 | 67.0 | 29.4 | 84.3 | 912 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 94.9 | 74.0 | 36.9 | 86.7 | 906 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 98.8 | 93.2 | 81.0 | 61.0 | 27.3 | 82.3 | 911 |
| | 09-11 | 100.0 | 100.0 | 99.5 | 95.6 | 81.7 | 58.2 | 39.3 | 24.9 | 7.1 | 66.4 | 912 |
| | 12-14 | 100.0 | 100.0 | 97.5 | 88.0 | 65.5 | 44.2 | 31.3 | 18.2 | 6.5 | 60.7 | 914 |
| | 15-17 | 100.0 | 99.9 | 98.6 | 90.3 | 72.9 | 52.8 | 35.9 | 20.2 | 6.7 | 63.3 | 913 |
| | 18-20 | 100.0 | 100.0 | 99.7 | 98.2 | 91.4 | 79.4 | 57.3 | 35.9 | 10.8 | 72.9 | 906 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 93.3 | 77.9 | 55.9 | 18.7 | 80.5 | 919 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.4 | 96.5 | 88.6 | 77.2 | 63.4 | 44.6 | 17.9 | 74.6 | 7293 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 94.6 | 81.1 | 59.2 | 30.9 | 82.8 | 883 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 96.7 | 86.1 | 68.2 | 38.2 | 85.1 | 892 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 98.8 | 94.0 | 80.8 | 61.1 | 33.1 | 82.8 | 880 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 97.9 | 82.0 | 60.2 | 43.7 | 29.1 | 13.6 | 68.5 | 887 |
| | 12-14 | 100.0 | 100.0 | 99.3 | 91.0 | 66.2 | 44.9 | 30.0 | 18.6 | 9.2 | 61.7 | 884 |
| | 15-17 | 100.0 | 100.0 | 99.0 | 92.0 | 75.8 | 54.1 | 33.9 | 20.6 | 10.8 | 64.5 | 883 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.2 | 94.5 | 81.1 | 60.0 | 36.7 | 16.0 | 74.6 | 889 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 92.4 | 74.9 | 49.4 | 22.6 | 80.1 | 892 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.8 | 97.5 | 89.4 | 77.3 | 61.3 | 42.9 | 21.8 | 75.0 | 7090 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

74392
STATION

BRUNSWICK NAS ME
STATION NAME

69-70, 73-80
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 98.7 | 94.3 | 86.6 | 72.1 | 51.1 | 27.0 | 78.9 | 920 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.1 | 94.8 | 87.2 | 75.6 | 57.8 | 29.8 | 80.3 | 921 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 98.7 | 94.0 | 87.2 | 73.2 | 55.1 | 27.3 | 79.4 | 911 |
| | 09-11 | 100.0 | 100.0 | 98.5 | 90.2 | 76.8 | 58.8 | 41.5 | 24.3 | 10.3 | 65.9 | 917 |
| | 12-14 | 100.0 | 99.9 | 94.0 | 79.6 | 60.1 | 41.5 | 26.6 | 16.1 | 5.9 | 58.2 | 914 |
| | 15-17 | 100.0 | 99.7 | 95.0 | 81.7 | 66.6 | 49.5 | 31.2 | 18.7 | 7.3 | 60.6 | 916 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 93.4 | 85.5 | 72.8 | 52.4 | 31.3 | 13.0 | 70.6 | 913 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 97.3 | 91.1 | 80.3 | 63.1 | 44.7 | 20.9 | 75.5 | 913 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.4 | 92.3 | 82.9 | 70.5 | 54.5 | 37.4 | 17.7 | 71.2 | 7325 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7-392
STATION

BRUNSWICK NAS ME

STATION NAME

69-70,73-80

PERIOD

NOV

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|-------------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 100.0 | 100.0 | 99.0 | 93.7 | 81.4 | 64.1 | 47.0 | 28.3 | 77.1 | 888 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.0 | 95.5 | 84.0 | 66.7 | 49.2 | 28.6 | 78.2 | 891 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 98.9 | 94.2 | 83.7 | 67.2 | 49.6 | 27.6 | 78.1 | 891 |
| | 09-11 | 100.0 | 100.0 | 99.2 | 93.6 | 80.2 | 66.7 | 50.2 | 34.1 | 17.6 | 69.9 | 892 |
| | 12-14 | 100.0 | 100.0 | 96.8 | 86.2 | 66.6 | 49.0 | 34.9 | 23.4 | 13.8 | 62.7 | 879 |
| | 15-17 | 100.0 | 100.0 | 97.3 | 85.9 | 71.5 | 55.0 | 38.5 | 25.1 | 14.9 | 64.7 | 888 |
| | 18-20 | 100.0 | 100.0 | 99.4 | 94.7 | 84.7 | 70.2 | 53.7 | 35.7 | 19.3 | 71.5 | 884 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.0 | 89.4 | 77.8 | 60.6 | 42.2 | 23.1 | 75.0 | 884 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.1 | 94.4 | 84.5 | 71.0 | 54.5 | 33.3 | 21.7 | 72.2 | 7097 |

USAFETAC

FORM 12-64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7-1921
STATION

BRUNSWICK NAS ME
STATION NAME

69-70,73-80
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 100.0 | 99.9 | 97.9 | 89.7 | 75.2 | 54.2 | 30.9 | 12.3 | 71.7 | 913 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 97.7 | 90.9 | 77.4 | 56.4 | 35.1 | 15.2 | 73.1 | 923 |
| | 06-08 | 100.0 | 100.0 | 99.8 | 97.5 | 90.6 | 79.7 | 61.2 | 38.8 | 17.1 | 74.0 | 908 |
| | 09-11 | 100.0 | 100.0 | 99.3 | 94.6 | 85.4 | 67.6 | 46.0 | 28.9 | 14.8 | 69.3 | 919 |
| | 12-14 | 100.0 | 99.6 | 97.7 | 89.0 | 68.8 | 49.2 | 32.8 | 20.8 | 11.1 | 62.5 | 909 |
| | 15-17 | 100.0 | 99.8 | 98.2 | 89.9 | 71.1 | 52.2 | 34.4 | 21.4 | 11.5 | 63.5 | 922 |
| | 18-20 | 100.0 | 100.0 | 99.4 | 95.0 | 84.1 | 64.3 | 43.9 | 27.0 | 13.8 | 68.4 | 907 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 96.6 | 88.2 | 72.9 | 50.8 | 29.7 | 14.0 | 70.8 | 908 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 99.3 | 94.8 | 83.6 | 67.3 | 47.5 | 29.0 | 13.7 | 69.2 | 7309 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7-192 STATION BRUNSWICK NAS ME STATION NAME 69-70,73-83 PERIOD ALL MONTH MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 99.8 | 97.7 | 93.2 | 75.7 | 57.6 | 37.7 | 22.6 | 10.3 | 64.8 | 7308 |
| FEB | | 100.0 | 99.9 | 95.4 | 84.9 | 69.7 | 51.1 | 33.5 | 18.3 | 5.9 | 61.4 | 6660 |
| MAR | | 100.0 | 99.3 | 95.2 | 85.7 | 72.2 | 55.7 | 40.5 | 27.3 | 10.5 | 64.3 | 7247 |
| APR | | 100.0 | 99.2 | 94.8 | 85.9 | 72.7 | 58.1 | 43.2 | 28.3 | 12.7 | 65.3 | 7077 |
| MAY | | 100.0 | 99.2 | 95.8 | 89.2 | 79.5 | 66.6 | 52.6 | 33.2 | 13.9 | 68.9 | 7371 |
| JUN | | 100.0 | 100.0 | 98.5 | 93.8 | 85.5 | 73.4 | 57.2 | 37.3 | 15.2 | 72.1 | 7284 |
| JUL | | 100.0 | 100.0 | 99.3 | 95.1 | 86.9 | 74.5 | 59.2 | 39.9 | 16.6 | 72.9 | 7314 |
| AUG | | 100.0 | 100.0 | 99.4 | 96.5 | 88.6 | 77.2 | 63.4 | 44.6 | 17.9 | 74.6 | 7293 |
| SEP | | 100.0 | 100.0 | 99.8 | 97.5 | 89.4 | 77.3 | 61.3 | 42.9 | 21.8 | 75.7 | 7090 |
| OCT | | 100.0 | 100.0 | 98.4 | 92.3 | 82.9 | 70.5 | 54.5 | 37.4 | 17.7 | 71.2 | 7325 |
| NOV | | 100.0 | 100.0 | 99.1 | 94.4 | 84.5 | 71.0 | 54.5 | 38.3 | 21.7 | 72.2 | 7097 |
| DEC | | 100.0 | 99.9 | 99.3 | 94.6 | 83.6 | 67.3 | 47.5 | 29.0 | 13.7 | 69.2 | 7379 |
| TOTALS | | 100.0 | 99.8 | 97.7 | 91.7 | 80.9 | 66.7 | 50.3 | 33.3 | 14.8 | 69.7 | 66170 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

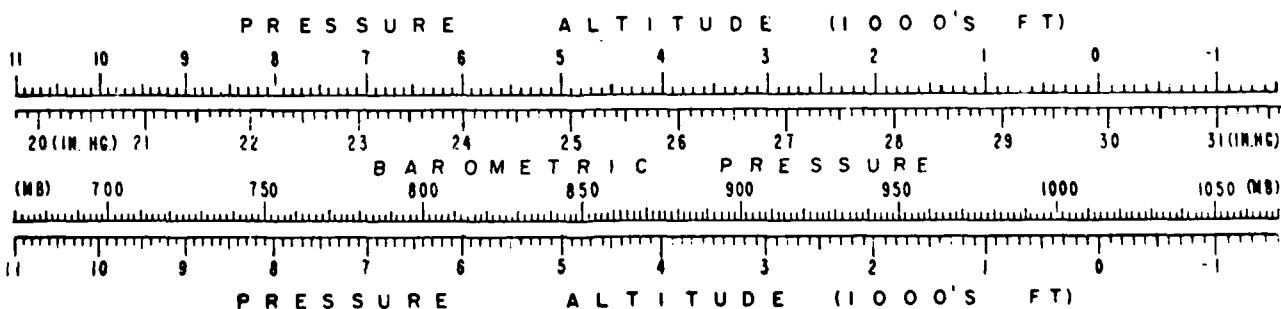
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



AD-A116 100 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BRUNSWICK NAS, MAINE. REVISED UNIFORM SUMMARY OF SURFACE WEATHE--ETC(1)
JUN 82

UNCLASSIFIED USAFETAC/DS-82/032

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

743920 BRUNSWICK NAS ME

69-70,73-80

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|---------------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| HRS. (L.S.T.) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| 01 | MEAN | 29.846 | 29.848 | 29.858 | 29.831 | 29.863 | 29.851 | 29.850 | 29.895 | 29.934 | 29.941 | 29.902 | 29.859 | 29.873 | |
| | S.D. | .349 | .316 | .311 | .262 | .202 | .183 | .163 | .141 | .205 | .265 | .299 | .341 | .264 | |
| | TOTAL OBS | 307 | 278 | 303 | 298 | 305 | 297 | 304 | 302 | 294 | 308 | 293 | 304 | 3593 | |
| 4 | MEAN | 29.849 | 29.846 | 29.847 | 29.827 | 29.848 | 29.858 | 29.847 | 29.891 | 29.930 | 29.939 | 29.910 | 29.868 | 29.872 | |
| | S.D. | .348 | .329 | .317 | .266 | .206 | .187 | .159 | .144 | .207 | .272 | .300 | .340 | .267 | |
| | TOTAL OBS | 308 | 279 | 299 | 295 | 306 | 297 | 306 | 300 | 295 | 305 | 295 | 308 | 3593 | |
| 7 | MEAN | 29.856 | 29.845 | 29.867 | 29.847 | 29.886 | 29.872 | 29.866 | 29.916 | 29.951 | 29.968 | 29.920 | 29.877 | 29.890 | |
| | S.D. | .347 | .332 | .328 | .269 | .212 | .186 | .154 | .147 | .207 | .274 | .308 | .345 | .271 | |
| | TOTAL OBS | 300 | 269 | 296 | 291 | 305 | 295 | 299 | 301 | 289 | 300 | 294 | 306 | 3593 | |
| 10 | MEAN | 29.880 | 29.871 | 29.866 | 29.850 | 29.876 | 29.870 | 29.867 | 29.917 | 29.956 | 29.966 | 29.927 | 29.891 | 29.895 | |
| | S.D. | .352 | .326 | .329 | .268 | .215 | .188 | .173 | .150 | .215 | .270 | .308 | .349 | .273 | |
| | TOTAL OBS | 306 | 281 | 309 | 293 | 306 | 297 | 305 | 303 | 295 | 308 | 295 | 305 | 3597 | |
| 13 | MEAN | 29.819 | 29.826 | 29.827 | 29.815 | 29.846 | 29.853 | 29.848 | 29.891 | 29.926 | 29.923 | 29.891 | 29.845 | 29.859 | |
| | S.D. | .348 | .311 | .327 | .260 | .210 | .192 | .166 | .149 | .206 | .268 | .307 | .352 | .269 | |
| | TOTAL OBS | 301 | 273 | 304 | 293 | 304 | 292 | 303 | 303 | 293 | 304 | 290 | 301 | 3561 | |
| 16 | MEAN | 29.825 | 29.818 | 29.817 | 29.800 | 29.836 | 29.842 | 29.827 | 29.878 | 29.908 | 29.920 | 29.884 | 29.846 | 29.850 | |
| | S.D. | .352 | .298 | .317 | .256 | .203 | .185 | .156 | .143 | .204 | .268 | .297 | .347 | .264 | |
| | TOTAL OBS | 304 | 278 | 302 | 295 | 307 | 295 | 308 | 300 | 296 | 301 | 296 | 307 | 3589 | |
| 19 | MEAN | 29.851 | 29.852 | 29.843 | 29.823 | 29.847 | 29.844 | 29.833 | 29.885 | 29.923 | 29.943 | 29.910 | 29.863 | 29.868 | |
| | S.D. | .352 | .297 | .311 | .254 | .194 | .181 | .155 | .141 | .201 | .260 | .286 | .343 | .260 | |
| | TOTAL OBS | 307 | 275 | 299 | 295 | 309 | 290 | 305 | 301 | 294 | 302 | 293 | 299 | 3548 | |
| 22 | MEAN | 29.855 | 29.861 | 29.856 | 29.847 | 29.878 | 29.863 | 29.861 | 29.905 | 29.940 | 29.949 | 29.911 | 29.867 | 29.882 | |
| | S.D. | .351 | .304 | .310 | .251 | .206 | .184 | .161 | .138 | .203 | .271 | .293 | .344 | .263 | |
| | TOTAL OBS | 306 | 278 | 307 | 299 | 309 | 297 | 306 | 305 | 294 | 305 | 293 | 303 | 3598 | |
| ALL HOURS | MEAN | 29.848 | 29.849 | 29.848 | 29.830 | 29.861 | 29.856 | 29.849 | 29.897 | 29.933 | 29.943 | 29.907 | 29.865 | 29.874 | |
| | S.D. | .350 | .314 | .319 | .261 | .206 | .186 | .164 | .145 | .206 | .269 | .300 | .345 | .267 | |
| | TOTAL OBS | 2437 | 2211 | 2818 | 2359 | 2988 | 2359 | 2435 | 2615 | 2350 | 2433 | 2389 | 2433 | 28435 | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

7#3920 BRUNSWICK NAS ME

69-70,73-80

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|-----------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| HRS (LST) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL | |
| 1 | MEAN | 1013.5 | 1013.7 | 1014.0 | 1013.1 | 1014.2 | 1013.8 | 1013.6 | 1015.3 | 1016.6 | 1016.9 | 1015.7 | 1014.1 | 1014.5 | |
| | S. D. | 11.803 | 10.983 | 10.658 | 8.962 | 6.893 | 6.258 | 5.355 | 4.816 | 7.066 | 9.056 | 10.196 | 11.661 | 9.014 | |
| | TOTAL OBS | 304 | 274 | 299 | 298 | 305 | 294 | 305 | 303 | 295 | 307 | 291 | 303 | 3584 | |
| 4 | MEAN | 1013.6 | 1013.7 | 1013.8 | 1013.0 | 1014.1 | 1013.8 | 1013.6 | 1015.2 | 1016.5 | 1016.8 | 1015.8 | 1014.4 | 1014.5 | |
| | S. D. | 11.824 | 11.273 | 10.705 | 9.058 | 7.026 | 6.366 | 5.444 | 4.901 | 7.099 | 9.291 | 10.313 | 11.704 | 9.118 | |
| | TOTAL OBS | 308 | 274 | 296 | 295 | 307 | 294 | 307 | 303 | 297 | 305 | 293 | 304 | 3587 | |
| 7 | MEAN | 1014.1 | 1014.4 | 1014.5 | 1013.7 | 1014.9 | 1014.4 | 1014.3 | 1016.1 | 1017.1 | 1017.5 | 1016.1 | 1014.9 | 1015.2 | |
| | S. D. | 11.912 | 11.351 | 11.236 | 9.175 | 7.248 | 6.395 | 5.241 | 5.898 | 7.582 | 9.337 | 10.537 | 12.046 | 9.310 | |
| | TOTAL OBS | 301 | 248 | 295 | 292 | 305 | 293 | 294 | 294 | 291 | 308 | 294 | 305 | 3580 | |
| 10 | MEAN | 1014.9 | 1014.6 | 1014.5 | 1013.8 | 1014.6 | 1014.4 | 1014.2 | 1016.0 | 1017.4 | 1017.8 | 1016.3 | 1015.3 | 1015.3 | |
| | S. D. | 12.038 | 11.354 | 11.285 | 9.091 | 7.289 | 6.475 | 5.352 | 5.195 | 7.153 | 9.260 | 10.588 | 12.000 | 9.294 | |
| | TOTAL OBS | 307 | 278 | 301 | 292 | 304 | 295 | 304 | 304 | 297 | 304 | 294 | 303 | 3590 | |
| 13 | MEAN | 1012.8 | 1013.0 | 1013.2 | 1012.5 | 1013.7 | 1013.8 | 1013.5 | 1015.2 | 1016.5 | 1016.3 | 1015.8 | 1013.6 | 1014.1 | |
| | S. D. | 11.866 | 10.641 | 11.117 | 8.979 | 7.157 | 6.418 | 5.420 | 5.113 | 7.892 | 9.844 | 10.488 | 12.081 | 9.144 | |
| | TOTAL OBS | 300 | 272 | 303 | 293 | 304 | 295 | 303 | 303 | 296 | 304 | 291 | 297 | 3541 | |
| 16 | MEAN | 1013.0 | 1012.9 | 1012.7 | 1012.8 | 1013.2 | 1013.3 | 1012.9 | 1014.7 | 1015.8 | 1016.1 | 1014.9 | 1013.6 | 1013.8 | |
| | S. D. | 12.046 | 10.205 | 10.896 | 8.697 | 6.922 | 6.369 | 5.315 | 4.758 | 6.979 | 8.878 | 10.132 | 11.911 | 8.969 | |
| | TOTAL OBS | 303 | 275 | 299 | 295 | 304 | 295 | 304 | 301 | 297 | 303 | 295 | 301 | 3578 | |
| 19 | MEAN | 1013.8 | 1013.7 | 1013.8 | 1012.8 | 1013.8 | 1013.5 | 1013.2 | 1014.9 | 1016.2 | 1016.9 | 1015.7 | 1014.4 | 1014.4 | |
| | S. D. | 12.056 | 10.626 | 10.528 | 8.672 | 6.582 | 6.266 | 5.823 | 4.876 | 6.924 | 8.848 | 9.893 | 11.861 | 8.988 | |
| | TOTAL OBS | 305 | 271 | 294 | 295 | 304 | 240 | 304 | 303 | 295 | 302 | 294 | 292 | 3584 | |
| 22 | MEAN | 1014.0 | 1014.1 | 1014.2 | 1013.6 | 1014.3 | 1013.9 | 1013.8 | 1015.6 | 1016.8 | 1017.2 | 1016.8 | 1014.3 | 1014.8 | |
| | S. D. | 12.077 | 10.427 | 10.468 | 8.579 | 6.595 | 6.838 | 5.211 | 4.726 | 7.818 | 9.888 | 9.911 | 11.753 | 8.928 | |
| | TOTAL OBS | 304 | 274 | 304 | 299 | 304 | 290 | 304 | 304 | 295 | 303 | 298 | 304 | 3584 | |
| ALL HOURS | MEAN | 1013.7 | 1013.8 | 1013.8 | 1013.1 | 1014.1 | 1013.9 | 1013.6 | 1015.4 | 1016.4 | 1016.9 | 1015.7 | 1014.3 | 1014.8 | |
| | S. D. | 11.953 | 10.882 | 10.862 | 8.909 | 6.979 | 6.429 | 5.384 | 4.904 | 7.122 | 9.894 | 10.238 | 11.872 | 9.181 | |
| | TOTAL OBS | 2428 | 2182 | 2187 | 2150 | 2447 | 2342 | 2430 | 2421 | 2341 | 2430 | 2135 | 2414 | 24584 | |

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